

*The*  
**W. F. NORMAN**  
**SHEET METAL MFG. CO.**



CATALOG  
**270**

**SHEET METAL**  
**Building**  
**MATERIALS**







Where Norman Products are made—Cedar, Hunter and Washington Sts., Nevada, Mo.

| 1/2 in. | 3/4 in. | 1 in.  |
|---------|---------|--------|
| 18.00   | 22.50   | 27.00  |
| 19.00   | 23.50   | 28.00  |
| 20.00   | 24.50   | 29.00  |
| 21.00   | 25.50   | 30.00  |
| 22.00   | 26.50   | 31.00  |
| 23.00   | 27.50   | 32.00  |
| 24.00   | 28.50   | 33.00  |
| 25.00   | 29.50   | 34.00  |
| 26.00   | 30.50   | 35.00  |
| 27.00   | 31.50   | 36.00  |
| 28.00   | 32.50   | 37.00  |
| 29.00   | 33.50   | 38.00  |
| 30.00   | 34.50   | 39.00  |
| 31.00   | 35.50   | 40.00  |
| 32.00   | 36.50   | 41.00  |
| 33.00   | 37.50   | 42.00  |
| 34.00   | 38.50   | 43.00  |
| 35.00   | 39.50   | 44.00  |
| 36.00   | 40.50   | 45.00  |
| 37.00   | 41.50   | 46.00  |
| 38.00   | 42.50   | 47.00  |
| 39.00   | 43.50   | 48.00  |
| 40.00   | 44.50   | 49.00  |
| 41.00   | 45.50   | 50.00  |
| 42.00   | 46.50   | 51.00  |
| 43.00   | 47.50   | 52.00  |
| 44.00   | 48.50   | 53.00  |
| 45.00   | 49.50   | 54.00  |
| 46.00   | 50.50   | 55.00  |
| 47.00   | 51.50   | 56.00  |
| 48.00   | 52.50   | 57.00  |
| 49.00   | 53.50   | 58.00  |
| 50.00   | 54.50   | 59.00  |
| 51.00   | 55.50   | 60.00  |
| 52.00   | 56.50   | 61.00  |
| 53.00   | 57.50   | 62.00  |
| 54.00   | 58.50   | 63.00  |
| 55.00   | 59.50   | 64.00  |
| 56.00   | 60.50   | 65.00  |
| 57.00   | 61.50   | 66.00  |
| 58.00   | 62.50   | 67.00  |
| 59.00   | 63.50   | 68.00  |
| 60.00   | 64.50   | 69.00  |
| 61.00   | 65.50   | 70.00  |
| 62.00   | 66.50   | 71.00  |
| 63.00   | 67.50   | 72.00  |
| 64.00   | 68.50   | 73.00  |
| 65.00   | 69.50   | 74.00  |
| 66.00   | 70.50   | 75.00  |
| 67.00   | 71.50   | 76.00  |
| 68.00   | 72.50   | 77.00  |
| 69.00   | 73.50   | 78.00  |
| 70.00   | 74.50   | 79.00  |
| 71.00   | 75.50   | 80.00  |
| 72.00   | 76.50   | 81.00  |
| 73.00   | 77.50   | 82.00  |
| 74.00   | 78.50   | 83.00  |
| 75.00   | 79.50   | 84.00  |
| 76.00   | 80.50   | 85.00  |
| 77.00   | 81.50   | 86.00  |
| 78.00   | 82.50   | 87.00  |
| 79.00   | 83.50   | 88.00  |
| 80.00   | 84.50   | 89.00  |
| 81.00   | 85.50   | 90.00  |
| 82.00   | 86.50   | 91.00  |
| 83.00   | 87.50   | 92.00  |
| 84.00   | 88.50   | 93.00  |
| 85.00   | 89.50   | 94.00  |
| 86.00   | 90.50   | 95.00  |
| 87.00   | 91.50   | 96.00  |
| 88.00   | 92.50   | 97.00  |
| 89.00   | 93.50   | 98.00  |
| 90.00   | 94.50   | 99.00  |
| 91.00   | 95.50   | 100.00 |



## Galvanized Eave Trough

Made of Galvanized Iron, in ten-foot lengths. Packed 250 feet to the crate. All sizes in 28, 26, and 24 Gauge.

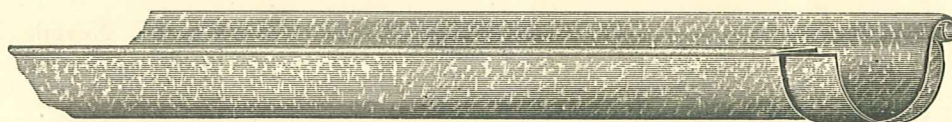


### SINGLE BEAD LAP JOINT

List Price per 100 Feet. **Galvanized Steel.**

| Size        | No. 28 | No. 26  | No. 24  |
|-------------|--------|---------|---------|
| 4-inch..... | \$8.50 | \$10.30 | \$15.00 |
| 5-inch..... | 9.00   | 10.80   | 17.00   |
| 6-inch..... | 11.20  | 13.90   | 20.50   |
| 7-inch..... | 14.40  | 18.00   | 24.00   |
| 8-inch..... | 18.90  | 22.50   | 28.00   |

Less than 250 feet, add \$1 per 100 feet. Less than 100 feet, add \$2 per 100 feet.



### SINGLE BEAD SLIP JOINT

List Price per 100 Feet. **Galvanized Steel.**

| Size        | No. 28 | No. 26  | No. 24  |
|-------------|--------|---------|---------|
| 4-inch..... | \$9.40 | \$11.20 | \$16.00 |
| 5-inch..... | 9.90   | 11.70   | 18.00   |
| 6-inch..... | 12.10  | 14.80   | 21.50   |
| 7-inch..... | 15.30  | 18.90   | 25.00   |
| 8-inch..... | 19.80  | 23.40   | 29.50   |

Less than 250 feet, add \$1 per 100 feet. Less than 100 feet, add \$2 per 100 feet.

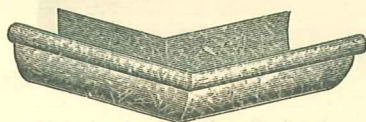
In ordering Eave Trough, state whether Lap or Slip Joint is wanted. If not stated Lap Joint will be shipped. In ordering Slip Joint, state whether it is wanted right or left hand, otherwise we will ship one-half of each.

Prices on Eave Trough made of American Ingot Iron or Copper will be quoted upon application.

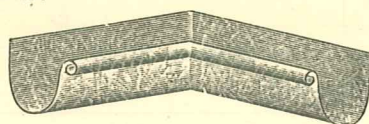


# Eave Trough Mitres and Fittings

## GALVANIZED EAVE TROUGH MITRES



Outside Mitre



Inside Mitre

### Single Bead Lap Joint Mitres

#### List Prices per Dozen

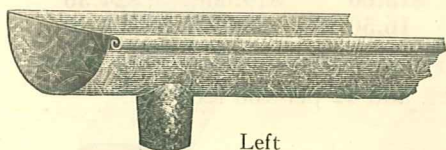
| Size        | 4 in.  | 5 in.  | 6 in.  | 7 in.  | 8 in.   |
|-------------|--------|--------|--------|--------|---------|
| No. 28 Ga.. | \$4.80 | \$5.50 | \$7.00 | \$9.40 | \$11.40 |
| No. 26 Ga.. | 5.30   | 6.10   | 7.70   | 10.40  | 12.40   |

### Single Bead Slip Joint Mitres

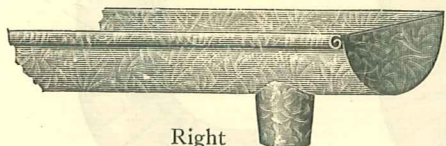
#### List Prices per Dozen

| Size        | 4 in.  | 5 in.  | 6 in.  | 7 in.   | 8 in.   |
|-------------|--------|--------|--------|---------|---------|
| No. 28 Ga.. | \$6.60 | \$7.40 | \$8.80 | \$11.20 | \$13.00 |
| No. 26 Ga.. | 7.30   | 8.10   | 9.60   | 12.40   | 14.00   |

## GALVANIZED ENDS AND OUTLETS



Left



Right



Outlet

### End Piece Complete With Outlet

#### List Prices per Dozen

| Size                  | 4 in.  | 5 in.  | 6 in.  | 7 in.  | 8 in.  |
|-----------------------|--------|--------|--------|--------|--------|
| End Piece Complete... | \$4.50 | \$5.00 | \$5.80 | \$6.30 | \$6.50 |

### Outlets Only

| Size         | 2 in.  | 3 in.  | 4 in.  | 5 in.  | 6 in.  |
|--------------|--------|--------|--------|--------|--------|
| Per dozen... | \$1.30 | \$1.60 | \$2.00 | \$2.60 | \$3.20 |

## SLIP-CLOSED ENDS

Slip Ends may be used right- or left-hand.

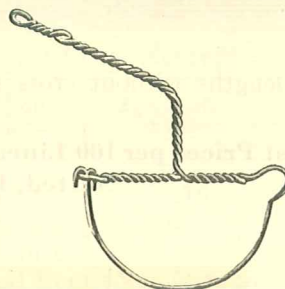
#### List Prices per Dozen

| Size        | Galvanized |
|-------------|------------|
| 4-inch..... | \$2.10     |
| 5-inch..... | 2.20       |
| 6-inch..... | 2.60       |
| 7-inch..... | 3.20       |
| 8-inch..... | 3.60       |



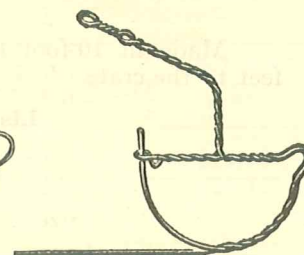
## EAVE TROUGH HANGERS

### Triple Twist Wire Hangers



#### Single Bead

Made of heavy galvanized wire. Very substantial and satisfactory.



#### Extension Wire Hangers

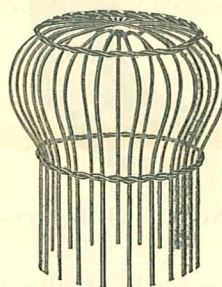
Made of heavy galvanized wire.

#### List Prices per Gross

| Size                      | 4 in.  | 5 in.  | 6 in.  | 7 in.  | 8 in.  |
|---------------------------|--------|--------|--------|--------|--------|
| Triple Twist or Extension | \$5.20 | \$5.70 | \$6.60 | \$7.60 | \$8.60 |

## WIRE CONDUCTOR STRAINERS

#### List Prices per Dozen



| Size        | Galvanized |
|-------------|------------|
| 2-inch..... | \$1.50     |
| 3-inch..... | 2.00       |
| 4-inch..... | 3.00       |
| 5-inch..... | 5.00       |
| 6-inch..... | 6.00       |

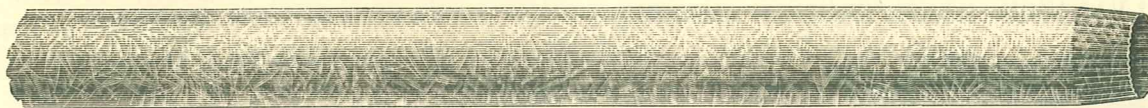
## SLIP JOINT CONNECTIONS

#### List Prices per Dozen



| Size        |        |
|-------------|--------|
| 4-inch..... | \$1.40 |
| 5-inch..... | 1.50   |
| 6-inch..... | 1.90   |
| 7-inch..... | 2.10   |
| 8-inch..... | 2.40   |

# Galvanized Plain Round Conductor Pipe



Made in 10-foot lengths without cross seams. Made of Galvanized Steel. Packed 250 feet to the crate.

## List Prices per 100 Lineal Feet. Galvanized Steel. Nested, Plain Round

| Size          | 2 in.  | 3 in.  | 4 in.   | 5 in.   | 6 in.   |
|---------------|--------|--------|---------|---------|---------|
| 28-Gauge..... | \$8.30 | \$9.20 | \$12.90 | \$18.10 | \$23.10 |
| 26-Gauge..... | 10.70  | 11.10  | 15.70   | 21.30   | 26.80   |

Less than 250 feet, add \$1 per 100 feet. Less than 100 feet, add \$2 per 100 feet.

## Not Nested, Plain Round

| Size          | 2 in.  | 3 in.  | 4 in.   | 5 in.   | 6 in.   |
|---------------|--------|--------|---------|---------|---------|
| 28-Gauge..... | \$8.70 | \$9.70 | \$13.60 | \$19.00 | \$24.30 |
| 26-Gauge..... | 11.20  | 11.70  | 16.50   | 22.40   | 28.20   |

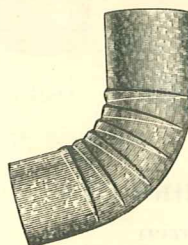
Less than 250 feet, add \$1 per 100 feet. Less than 100 feet, add \$2 per 100 feet.



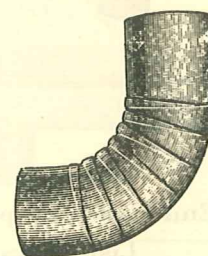
No. 1—45 Degrees



No. 2—60 Degrees



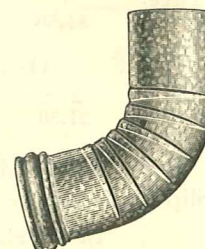
No. 3—75 Degrees



No. 4—90 Degrees

## List Prices Each. Galvanized Steel.

| Size        | 2 in. | 3 in. | 4 in. | 5 in.  | 6 in.  |
|-------------|-------|-------|-------|--------|--------|
| Elbows..... | 24c   | 28c   | 48c   | \$1.00 | \$1.20 |
| Shoes.....  | 32c   | 38c   | 60c   | 1.20   | 1.44   |



Plain Round  
Shoe

Shoes are made in one angle only. When ordering Elbows specify the angle. When angle is not specified No. 3 will be shipped.

Prices on American Ingot Iron and Copper Conductor and Elbows will be quoted upon application.



# Galvanized Square Corrugated Expanding Conductor Pipe



Made in 10-foot lengths without cross seams. Made of Galvanized Steel. Packed 250 feet to the crate.

## List Prices per 100 Lineal Feet (Nested)

| Size              | 1 $\frac{3}{4}$ x2 $\frac{1}{4}$ -in.<br>2 in. | 2 $\frac{3}{8}$ x3 $\frac{1}{4}$ -in.<br>3 in. | 2 $\frac{3}{4}$ x4 $\frac{1}{4}$ -in.<br>4 in. | 3 $\frac{3}{4}$ x5-in.<br>5 in. |
|-------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|
| No. 28-Gauge..... | \$10.70                                        | \$11.10                                        | \$14.40                                        | \$19.40                         |
| No. 26-Gauge..... | 13.40                                          | 13.90                                          | 17.60                                          | 23.10                           |

## List Prices per 100 Lineal Feet (Not Nested)

| Size              | 1 $\frac{3}{4}$ x2 $\frac{1}{4}$ -in.<br>2 in. | 2 $\frac{3}{8}$ x3 $\frac{1}{4}$ -in.<br>3 in. | 2 $\frac{3}{4}$ x4 $\frac{1}{4}$ -in.<br>4 in. | 3 $\frac{3}{4}$ x5-in.<br>5 in. |
|-------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------|
| No. 28-Gauge..... | \$11.20                                        | \$11.70                                        | \$15.10                                        | \$20.40                         |
| No. 26-Gauge..... | 14.10                                          | 14.60                                          | 18.50                                          | 24.30                           |

Less than 250 feet, add \$1 per 100 feet. Less than 100 feet, add \$2 per 100 feet.

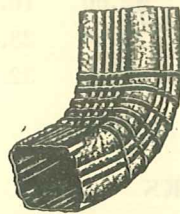
## ONE-PIECE SQUARE CORRUGATED ELBOWS AND SHOES STYLE "A"



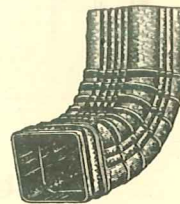
No. 1A—45 Degrees



No. 2A—60 Degrees

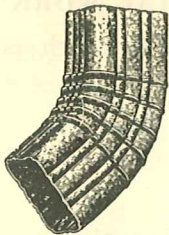


No. 3A—75 Degrees



Style "A"—Shoe

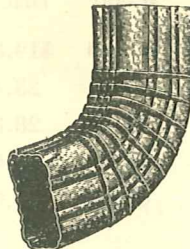
## STYLE "B"



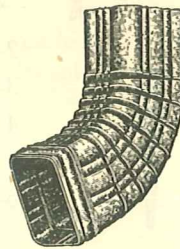
No. 1B—45 Degrees



No. 2B—60 Degrees



No. 3B—75 Degrees



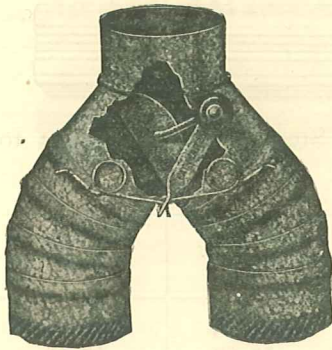
Style "B"—Shoe

## List Prices Each. Galvanized Steel.

| Size        | 2 in. | 3 in. | 4 in. | 5 in.  |
|-------------|-------|-------|-------|--------|
| Elbows..... | 36c   | 45c   | 59c   | 90c    |
| Shoes.....  | 45c   | 54c   | 72c   | \$1.13 |

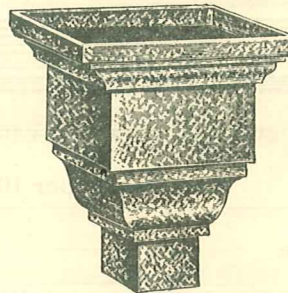
Prices on American Ingot Iron and Copper Pipe and Elbows will be quoted upon application.

Elbows for irregular sizes will be made in two or more pieces. Prices for irregular sizes will be quoted upon application.

**PERFECTION CUT-OFF****List Prices Each**

|             |        |
|-------------|--------|
| 2-inch..... | \$ .75 |
| 3-inch..... | .80    |
| 4-inch..... | 1.10   |
| 5-inch..... | 2.00   |
| 6-inch..... | 2.40   |

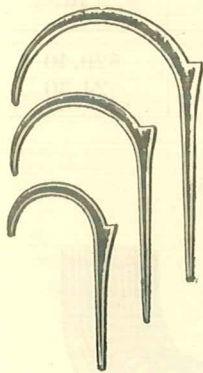
Plain Round—  
New Style

**GALVANIZED CONDUCTOR HEADS**

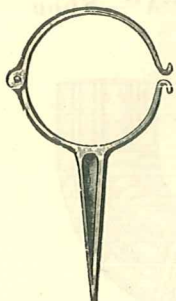
No 850.

**List Prices Each**

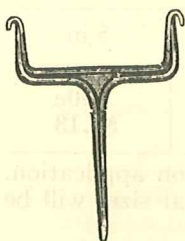
|                         |        |
|-------------------------|--------|
| For 3-inch<br>pipe..... | \$7.50 |
| For 4-inch<br>pipe..... | 8.00   |
| For 5-inch<br>pipe..... | 9.50   |
| For 6-inch<br>pipe..... | 9.50   |

**CONDUCTOR HOOKS****List Prices per 100, Tinned**

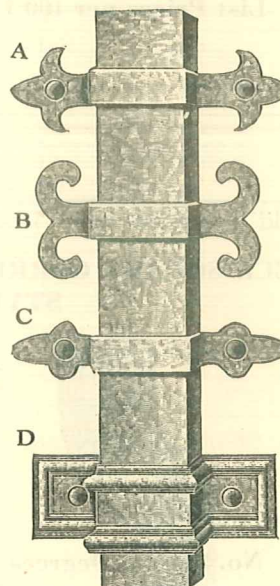
| Size       | For<br>Wood | For<br>Brick |
|------------|-------------|--------------|
| 2-inch.... | \$7.20      | \$8.10       |
| 3-inch.... | 10.80       | 12.60        |
| 4-inch.... | 12.60       | 16.20        |
| 5-inch.... | 21.60       | 23.40        |
| 6-inch.... | 28.20       | 32.40        |

**HINGED HOOKS**

| Sizes       | For<br>Wood | For<br>Brick |
|-------------|-------------|--------------|
| 2-inch..... | \$16.20     | \$19.80      |
| 3-inch..... | 21.60       | 23.40        |
| 4-inch..... | 27.20       | 28.80        |
| 5-inch..... | 45.60       | 48.60        |
| 6-inch..... | 60.00       | 60.00        |

**SQUARE WIRED HOOKS**

| Sizes       | For<br>Wood | For<br>Brick |
|-------------|-------------|--------------|
| 2-inch..... | \$10.80     | \$12.60      |
| 3-inch..... | 14.40       | 18.00        |
| 4-inch..... | 18.00       | 21.60        |
| 5-inch..... | 27.00       | 28.80        |
| 6-inch..... | 35.00       | 36.50        |

**ORNAMENTAL CONDUCTOR BANDS****List Prices Each**

| Style    |        |        |        |
|----------|--------|--------|--------|
| "A"      | "B"    | "C"    | "D"    |
| Size     |        |        |        |
| 2-in.—   | \$1.50 | \$1.30 | \$3.50 |
| 3-in.—   | 1.50   | 1.30   | 3.50   |
| 4-in.—   | 1.50   | 1.30   | 3.50   |
| 5-in.—   | 1.60   | 1.30   | 3.50   |
| 4x5-in.— | 1.70   | 1.30   | 3.60   |
| 4x6 in.— | 1.70   | 1.30   | 3.70   |

Prices Furnished on  
Special Designs

Also Wrought Iron or  
Copper.

**SPECIAL SHEET METAL WORK**

From sketches or blue prints such as

**Copper Cornice**

**Copper Conductor Pipe, Etc.**

**Chain Awnings**

**Electric Signs**

**Elevator and Mill Spouting**

**Air Ducts and Ventilators**

**Blow Pipe—Special Elbows**

**Boiler Breaching**

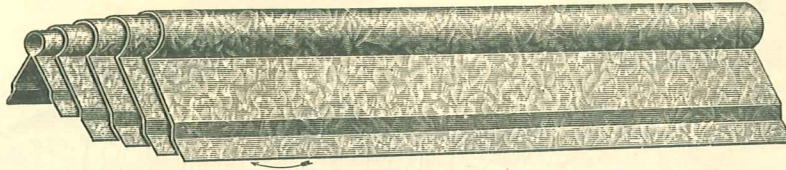
Our experience and equipment enables us to  
produce high-grade products at low prices.

Send us your sketches or blue prints for  
delivered prices. Prompt quotations—Quick  
shipments.



# Galvanized Ridge Roll

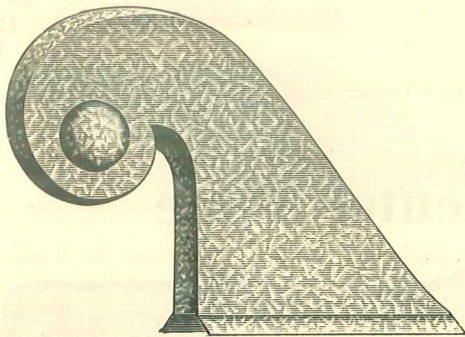
Made in 8- and 10-foot lengths. Wired in bundles containing 250 feet each.



See the Nailing Flange

## List Prices per 100 Lineal Feet

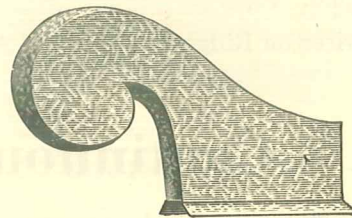
|                       |           |           |           |
|-----------------------|-----------|-----------|-----------|
| Size of Roll.....     | 1½ inches | 1½ inches | 2 inches  |
| Girth.....            | 7 inches  | 8 inches  | 10 inches |
| Galvanized Steel..... | \$5.50    | \$6.20    | \$6.90    |



**Block Finial No. 1**

For 8- and 10-inch Cresting.....**58c each**  
For 12-inch Cresting.....**90c each**

This Finial can be used with 1¼, 1½, or 2-inch Ridge Roll. No soldering required.

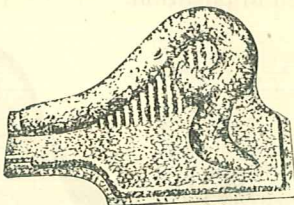


**Block Finial No. 19**

## List Price

No. 19 Finial. Per dozen..... **\$3.00**

No. 19 Block Finial is made to use with 1¼ and 1½-inch Ridge Roll. No soldering required.



**No. 28 Finial**

No. 28 Bungalow Finial is made to use with 1¼-inch and 1½-inch Ridge Roll.

List Price, each..... **\$ .60**

## GALVANIZED WALL TIES



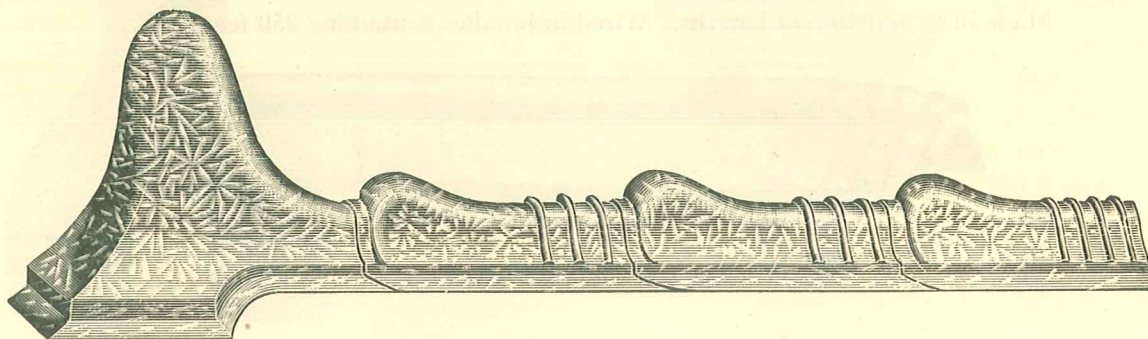
## List Price per 1000

Heavy Gauge..... **\$4.00**

These ties are 7 inches long and vary in width from ½ to ¾ inch.

Suitable for veneered or solid walls, either brick or hollow tile.

## Ornamental Ridge Tile



**Stamped Finial No. 25**

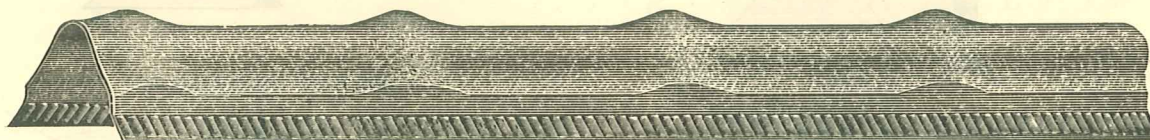
These Ornamental Ridge Tile make a very attractive and bold ridge and hip finish for any kind of roof. Made of Galvanized Steel or IX Painted Tin. Tile are 14 inches long and lay 12 inches to the weather, are adjustable and no cutting is necessary. They are storm-proof and easy to apply. Finials are made for both hip and gable.

### List Prices

|                                                   |         |
|---------------------------------------------------|---------|
| 10x14, IX Tin, Painted Red or Green. Per 100..... | \$13.00 |
| 10x14, Galvanized Steel. Per 100.....             | 12.00   |
| No. 25 Finial. Each.....                          | 1.50    |

Prices on Ridge Tile made of American Ingot Iron or Copper made upon application.

## Continuous Ornamental Ridge

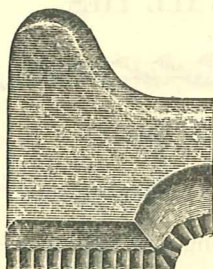


A neat Ridge Finish, very ornamental, easy to apply, cheap in price. Made in 5-foot lengths Galvanized Steel. Made in one size only.

### List Price. Galvanized Steel.

|                   |                            |
|-------------------|----------------------------|
| 8-inch Girth..... | \$8.50 per 100 Lineal Feet |
|-------------------|----------------------------|

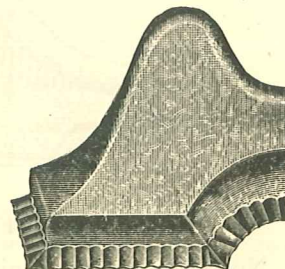
Prices on American Ingot Iron and Copper on application.



**No. 26—Gable Finial**

List Price.....80c each

These Finials are made to use with our Continuous Ornamental Ridge. They are nine inches high, neat in appearance, easy to apply.



**No. 27—Hip Finial**

List Price.....80c each

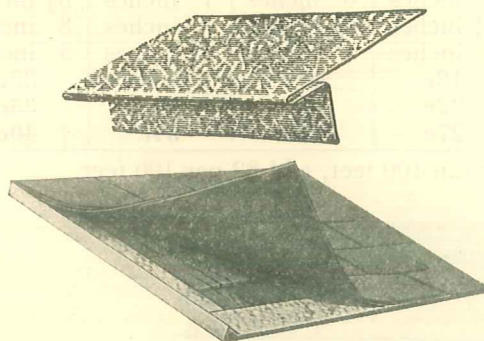


**CONTINUOUS HIP FINISH**

Made of galvanized steel in 5-foot lengths. Put up in bundles containing 250 feet.

**List Prices per 100 Feet**

|                       |        |
|-----------------------|--------|
| 5-inch Girth.....     | \$4.80 |
| 8-inch Girth.....     | 8.50   |
| 5-inch Starters, each | .08    |
| 8-inch Starters, each | .14    |

**GALVANIZED ROOF EDGING**

Used to support composition shingle roofs at eaves and gables. Prevents unsightly appearance when shingles hang down at gables and eaves.

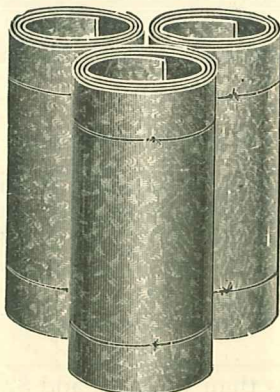
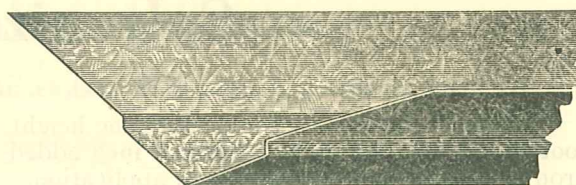
|                   |        |
|-------------------|--------|
| 3-inch Girth..... | \$4.00 |
| 4-inch Girth..... | 4.50   |
| 5-inch Girth..... | 5.00   |

**GALVANIZED ROLL VALLEY**

Cross seams double end locked, not soldered; make water-tight seam and provide for expansion and contraction.

**List Prices per 100 Lineal Feet**

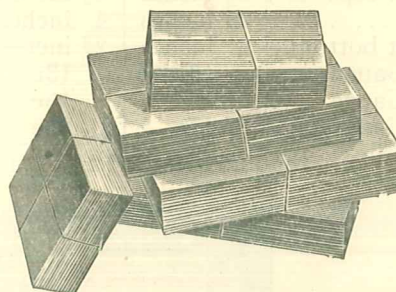
| Girth        | No. 28 Ga. |
|--------------|------------|
| 10-inch..... | \$8.50     |
| 12-inch..... | 11.00      |
| 14-inch..... | 13.70      |
| 16-inch..... | 16.00      |
| 20-inch..... | 20.50      |

**GALVANIZED FORMED VALLEY****Style "E"****List Prices per 100 Lineal Feet**

| Girth       | 10 in. | 12 in.  | 14 in.  | 16 in.  | 20 in.  |
|-------------|--------|---------|---------|---------|---------|
| No. 28 Ga.. | \$9.40 | \$11.80 | \$15.10 | \$17.40 | \$22.70 |
| No. 26 Ga.. | 11.30  | 14.20   | 17.30   | 20.90   | 27.20   |

**FLASHING SHINGLES**

Made of Painted or Unpainted Tin, or Galvanized Steel. Put up in packages of 100 each.

**List Prices per 100**

| Size      | Painted Tin | Unpainted Tin | Galvanized |
|-----------|-------------|---------------|------------|
| 4x 5..... | \$1.60      | \$1.50        | \$1.50     |
| 5x 7..... | 2.60        | 2.40          | 2.00       |
| 7x10..... | 4.40        | 4.20          | 4.00       |

**PAINTED TIN VALLEY AND FLASHING****IX 8-Pound Coating**

(IX same as 28-Gauge)

Cross seams are double end locked. Put up in rolls containing 100 lineal feet.

**List Prices per 100 Lineal Feet**

| Width       |        |
|-------------|--------|
| 4-inch....  | \$3.30 |
| 6-inch....  | 4.30   |
| 10-inch.... | 7.20   |
| 14-inch.... | 10.10  |
| 20-inch.... | 14.00  |
| 28-inch.... | 19.70  |





## Galvanized Gutters

We make all sizes and styles of Box, O. G. and Roof Gutters made of Galvanized Steel or Copper.

Prices of gutters are for backs same height as front. If high backs are wanted, add 2 cents per foot to list price for each additional inch added to back. Prices on gutters made of American Ingot Iron or Copper will be made upon application.



**STYLE "G"—O. G. GUTTER**

**List Prices per Lineal Foot. Galvanized Steel.**

|                   |           |           |           |           |           |           |           |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Girth.....        | 10 inches | 12 inches | 14 inches | 15 inches | 18 inches | 20 inches | 24 inches |
| Width at top..... | 3½ inches | 4½ inches | 4½ inches | 5 inches  | 6 inches  | 7 inches  | 8½ inches |
| Depth.....        | 3⅜ inches | 4 inches  | 4½ inches | 5½ inches | 6½ inches | 7 inches  | 8 inches  |
| Width at bottom.. | 2 inches  | 2¾ inches | 3 inches  | 3 inches  | 3½ inches | 3¾ inches | 5 inches  |
| No. 28 Gauge....  | 10c       | 13c       | 16c       | 18c       | 21c       | 24c       | 30c       |
| No. 26 Gauge....  | 12c       | 16c       | 20c       | 22c       | 25c       | 29c       | 35c       |
| No. 24 Gauge....  | 17c       | 20c       | 25c       | 27c       | 30c       | 34c       | 40c       |

Less than 250 feet, add \$1 per 100 feet. Less than 100 feet, add \$2 per 100 feet.



**STYLE "K"—BOX GUTTER**

**List Prices per Lineal Foot. Galvanized Steel.**

|                                  |           |           |           |
|----------------------------------|-----------|-----------|-----------|
| Girth.....                       | 18 inches | 20 inches | 22 inches |
| Width at top inside of bead..... | 5 inches  | 5¾ inches | 7¾ inches |
| Depth.....                       | 5½ inches | 6 inches  | 6 inches  |
| No. 28 Gauge.....                | 21c       | 24c       | 30c       |
| No. 26 Gauge.....                | 25c       | 29c       | 33c       |
| No. 24 Gauge.....                | 30c       | 34c       | 38c       |

Less than 250 feet, add \$1 per 100 feet. Less than 100 feet, add \$2 per 100 feet.



**STYLE "L"—O. G. GUTTER**

**List Prices per Lineal Foot. Galvanized Steel.**

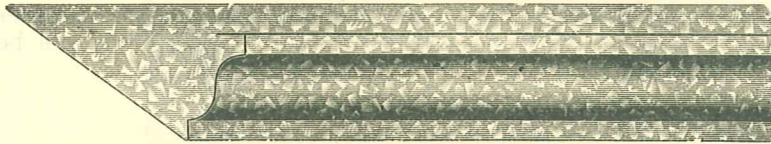
|                      |           |           |           |           |           |
|----------------------|-----------|-----------|-----------|-----------|-----------|
| Girth.....           | 14 inches | 15 inches | 18 inches | 20 inches | 22 inches |
| Width at top.....    | 4½ inches | 5 inches  | 6½ inches | 6¾ inches | 7½ inches |
| Depth.....           | 5 inches  | 5¼ inches | 6 inches  | 7 inches  | 7¾ inches |
| Width at bottom..... | 1¾ inches | 2 inches  | 3½ inches | 3½ inches | 4 inches  |
| No. 28 Gauge.....    | 16c       | 18c       | 21c       | 24c       | 30c       |
| No. 26 Gauge.....    | 20c       | 22c       | 25c       | 29c       | 33c       |
| No. 24 Gauge.....    | 25c       | 27c       | 30c       | 34c       | 38c       |

Less than 250 feet, add \$1 per 100 feet. Less than 100 feet, add \$2 per 100 feet.



# Galvanized Yankee Gutters

Made in 10-Foot Lengths.

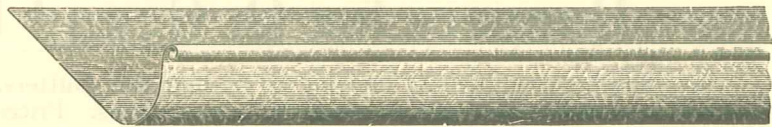


Style "H"

List Prices per Lineal Foot. Galvanized Steel.

|                     | 12 in. | 14 in. | 15 in. | 20 in. |
|---------------------|--------|--------|--------|--------|
| Girth.....          | 12 in. | 14 in. | 15 in. | 20 in. |
| No. 28 Gauge.....   | 13c    | 16c    | 18c    | 24c    |
| No. 26 Gauge.....   | 16c    | 20c    | 22c    | 29c    |
| No. 24 Gauge.....   | 20c    | 25c    | 27c    | 34c    |
| Gutter Hangers..... | 11c    | 12c    | 13c    | 15c    |

Less than 250 feet, add \$1 per 100 feet. Less than 100 feet, add \$2 per 100 feet.



Style "M"

List Prices per Lineal Foot. Galvanized Steel.

|                     | 12 in. | 14 in. | 15 in. | 20 in. |
|---------------------|--------|--------|--------|--------|
| Girth.....          | 12 in. | 14 in. | 15 in. | 20 in. |
| No. 28 Gauge.....   | 13c    | 16c    | 18c    | 24c    |
| No. 26 Gauge.....   | 16c    | 20c    | 22c    | 29c    |
| No. 24 Gauge.....   | 20c    | 25c    | 27c    | 34c    |
| Gutter Hangers..... | 11c    | 12c    | 13c    | 15c    |

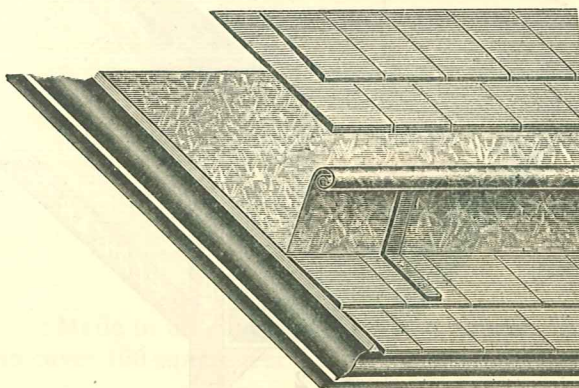
Less than 250 feet, add \$1 per 100 feet. Less than 100 feet, add \$2 per 100 feet.

Style "J"

List Price per Lineal Foot. Galvanized Steel.

|                 | 12 in. | 14 in. | 15 in. | 20 in. |
|-----------------|--------|--------|--------|--------|
| Girth.....      | 12 in. | 14 in. | 15 in. | 20 in. |
| No. 28 Gauge... | 13c    | 16c    | 18c    | 24c    |
| No. 26 Gauge... | 16c    | 20c    | 22c    | 29c    |
| No. 24 Gauge... | 20c    | 25c    | 27c    | 34c    |
| Wrought Iron    |        |        |        |        |
| Braces.....     | 10c    | 10c    | 10c    | 20c    |

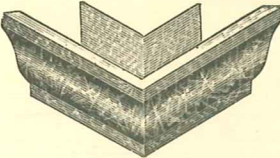
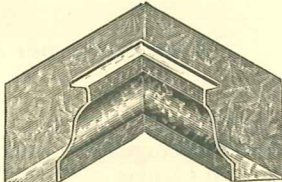
Less than 250 feet, add \$1 per 100 feet. Less than 100 feet, add \$2 per 100 feet.



## Mitres for O. G. and Box Gutters

These prices apply to all styles of O. G., Box and Roof Gutters. Orders for mitres for Roof Gutters should give pitch of roof. All orders should state whether mitres are for inside or outside corners. Mitres of other angles will be furnished at same prices as for square mitres. Orders for mitres other than square should be accompanied with diagram, with measurements, so the exact angle can be obtained.

### List Prices Each for All Styles of Gutters

|                                                                                     | No. 28<br>Gauge | No. 26<br>Gauge | No. 24<br>Gauge   |
|-------------------------------------------------------------------------------------|-----------------|-----------------|-------------------|
|    |                 |                 |                   |
| 10-inch Girth.....                                                                  | \$1.00          | \$1.20          | \$1.70            |
| 12-inch Girth.....                                                                  | 1.20            | 1.50            | 2.00              |
| 14-inch Girth.....                                                                  | 1.60            | 2.00            | 2.50              |
| 15-inch Girth.....                                                                  | 1.70            | 2.10            | 2.70              |
| 18-inch Girth.....                                                                  | 2.10            | 2.50            | 3.00              |
| 20-inch Girth.....                                                                  | 2.40            | 2.90            | 3.40              |
| 22-inch Girth.....                                                                  | 3.00            | 3.30            | 3.70 <sup>F</sup> |
| 24-inch Girth.....                                                                  | 3.20            | 3.50            | 4.00              |
|  |                 |                 |                   |
|                                                                                     |                 |                 |                   |

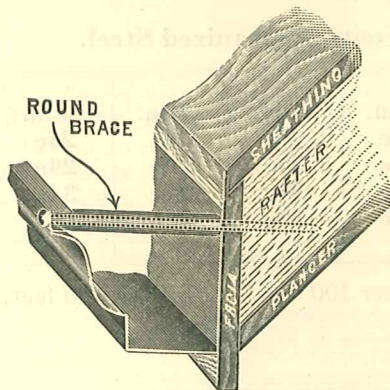
Outside Mitre

Inside Mitre

Prices on mitres in other gauges, American Ingot Iron and Copper will be quoted upon application.

## Hangers for O. G. and Box Gutters

We show two methods of hanging O. G. and Box Gutters. Other methods are used, but these two will be found to be very satisfactory in most cases. Prices will be quoted upon any other style of hangers upon application.



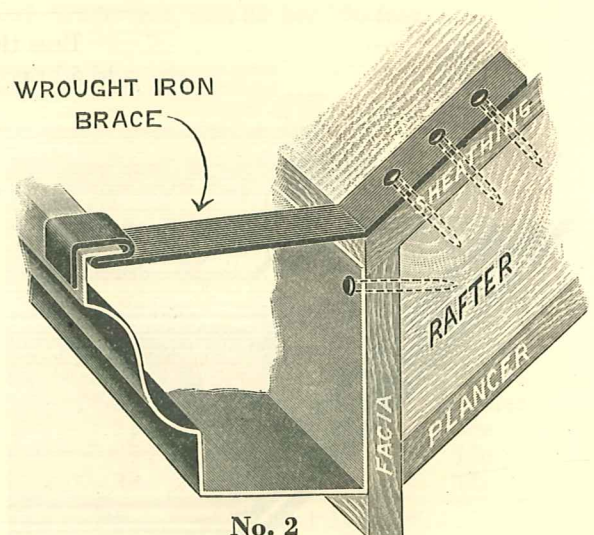
No. 1

For the larger sizes of gutter this method will be found easy to apply and very simple. In some cases the back of gutter is made higher than front, and forming over onto roof, this supports the gutter at the back. The iron braces are used to hold the front in line and at the same time give additional support. The braces are galvanized.

### List Prices, Each

|              |     |              |     |
|--------------|-----|--------------|-----|
| 10-inch..... | 10c | 18-inch..... | 15c |
| 12-inch..... | 11c | 20-inch..... | 16c |
| 14-inch..... | 12c | 22-inch..... | 18c |
| 15-inch..... | 13c | 24-inch..... | 20c |

This method is used on the smaller sizes of gutters, 10- and 12-inch girths. Gutter nails are used to hold the gutter in position. We can furnish round braces for these two sizes at 6 cents each, complete with nail.

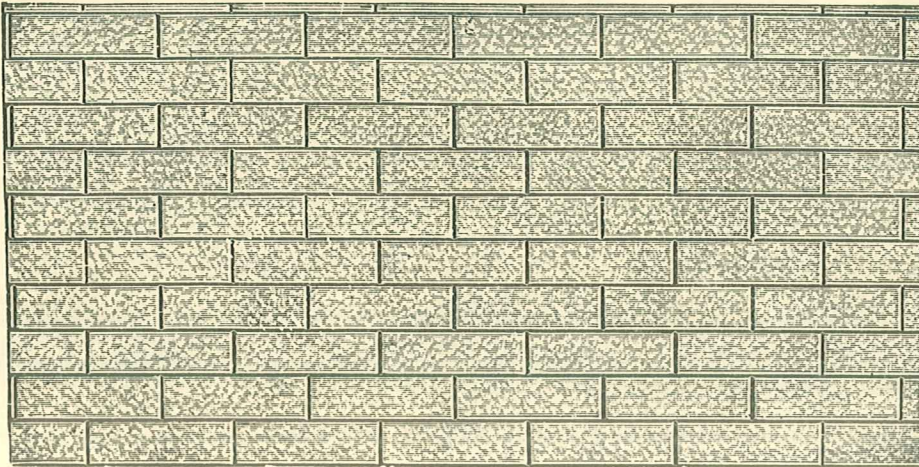


No. 2



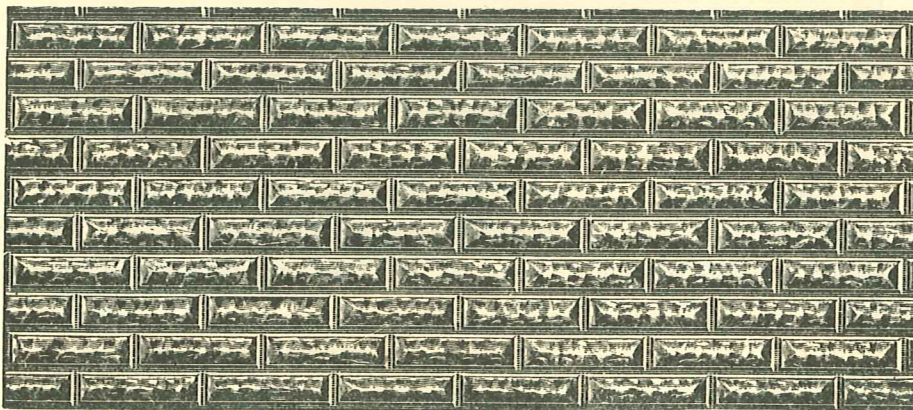
# Norman's Sidings

## GALVANIZED



## PRESSED BRICK SIDING

Made in all gauges, No. 24 and lighter.  $8\frac{4}{7}$  sheets required to cover 100 square feet. Size of sheet, 28x60 inches.



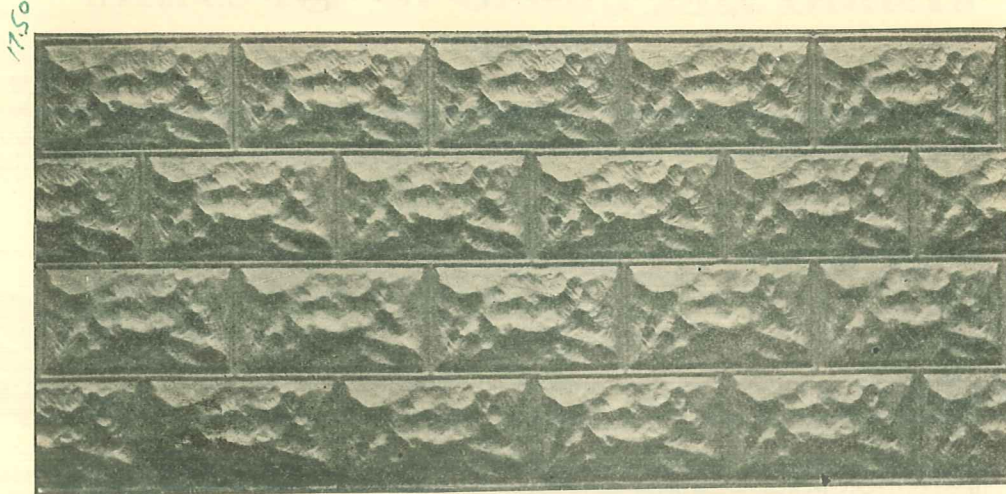
## ROCK-FACED BRICK SIDING

### Galvanized

Made in all gauges, No. 24 and lighter. Sheets, 28 inches by 60 inches.  $8\frac{4}{7}$  sheets required to cover 100 square feet. Makes a nice finish, easy to apply.



### STONE SIDING Galvanized



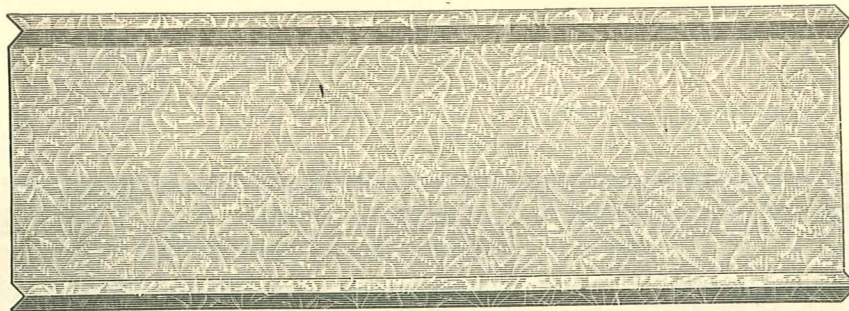
### PITCH-FACED STONE SIDING

Made in all gauges, No. 24 and lighter.  $8\frac{4}{7}$  sheets required to cover 100 square feet. Size of sheet, 28x60 inches. Size of single stone, 7x12 inches.

This material should be applied over solid sheathing. Galvanized carried in stock.

## Two V Crimped Roofing

24-Gauge and Lighter



Galvanized

Sheets are 24 inches wide from center to center of crimps. Stock lengths, 5, 6, 7, 8, 9, and 10 feet.

Three V Crimp is made with a crimp running through the center of sheet. This center crimp stiffens the sheet and prevents rattling. Sheets are 24 inches wide from center to center of outside crimp. Stock lengths, 5, 6, 7, 8, 9, and 10 feet.

Write for Lowest Market Prices

### Directions for Applying Two V and Three V Crimped Roofing

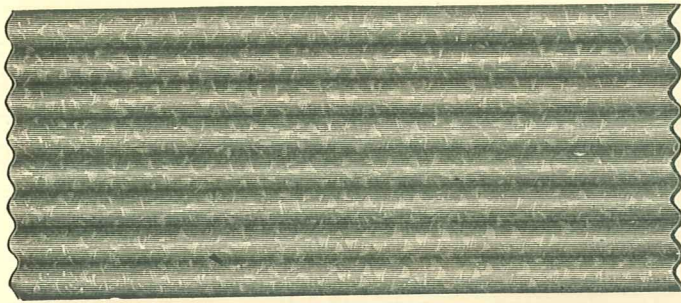
Snip and turn end locks with jointer by bending one end of the sheet up and the other down. Lay one crimp over the other and both over the wood strips. Nail through the overlapping sheets and wood strip into the sheathing. This roofing can be laid with the ends lapping from 4 to 6 inches. No special tools are required when laid in this manner.

Tools for Two V and Three V Crimped Roofing. Sent only when ordered.

|                             |        |                   |        |
|-----------------------------|--------|-------------------|--------|
| 1 Pair Tinnerns' Snips..... | \$2.00 | 1 Jointer.....    | \$1.00 |
| 1 Mallet.....               | .50    | Complete Set..... | 4.50   |

NOTE—Tools loaned must be returned free of expense to us when roof is completed. Always mark on shipping card by whom returned to insure proper credit.

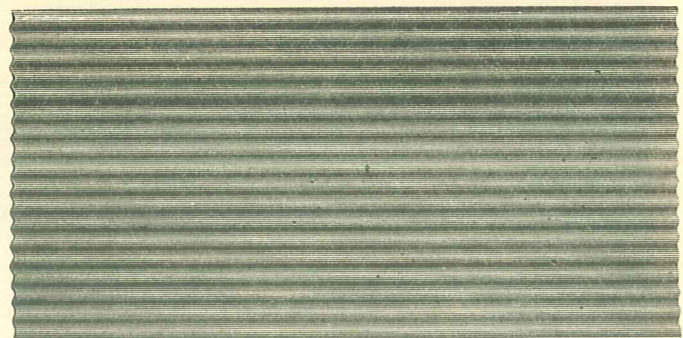




**2 1/2-Inch Corrugation for Roofing and Siding**

Made in Galvanized 20-gauge and lighter. Corrugations 1 1/4 inches, center to center, and 1/4-inch deep. Sheets measure 25 3/4 inches wide and cover 24 inches, lapping one and one-half corrugation. Stock lengths, 5, 6, 7, 8, 9, and 10 foot.

Write for Lowest Market Prices



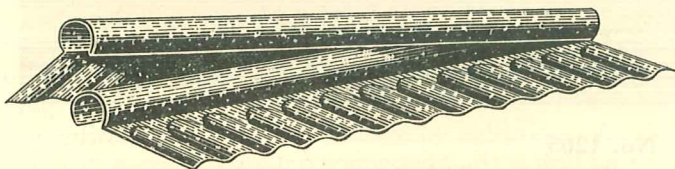
**1 1/4-Inch Corrugation for Roofing and Siding**

**Approximate Weights per 100 Square Feet of 2 1/2-Inch Corrugation**

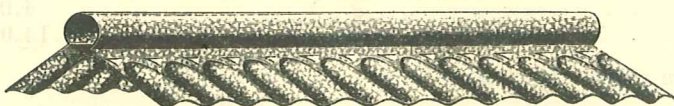
|                  |         |         |          |          |          |
|------------------|---------|---------|----------|----------|----------|
| U. S. Gauge..... | 28      | 26      | 24       | 22       | 20       |
| Galvanized.....  | 85 lbs. | 98 lbs. | 124 lbs. | 151 lbs. | 178 lbs. |

**ADJUSTABLE CORRUGATED RIDGE ROLL**

This ridge adjusts to the corrugations on each side of the ridge, eliminating the trouble that often occurs when a one-piece ridge is used.



**Showing Adjustment**



**Showing Ridge in Place**

Made in four-foot lengths.

12-inch Girth, Galvanized. Per foot. . . . . 16c

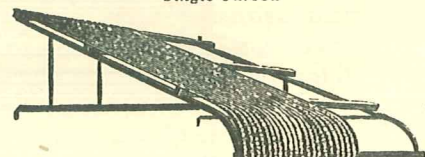
**Corrugated Sheets**

Made in Galvanized 20-gauge and lighter. Corrugations 2 1/2 inches, center to center, and 5/8-inch deep. Sheets measure 28 inches wide and cover 24 inches, lapping one and one-half corrugation, which insures against leaks. Stock lengths, 5, 6, 7, 8, 9, 10, and 12 foot.

Write for Lowest Market Prices

**CORRUGATED AWNING SHEETS AND BRACKETS**

*Single Curved*

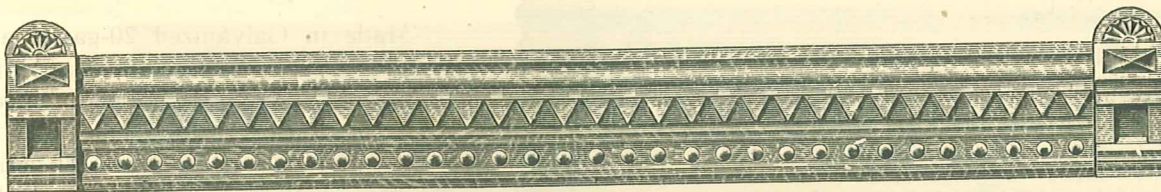


Furnished in 1 1/4-inch Corrugation only. Charge is made for full length and width of sheets. Furnished in lengths 5 to 10 feet.

Write for Lowest Market Prices



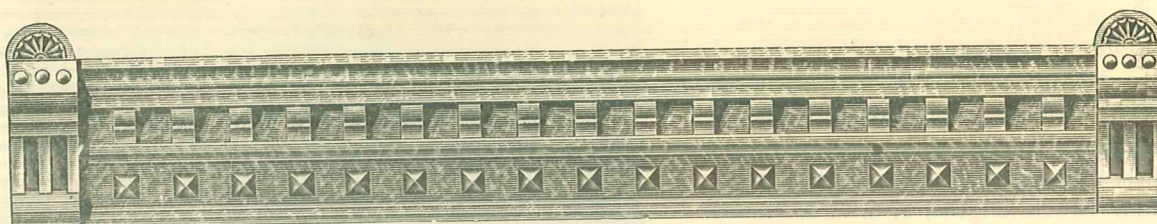
## Galvanized Cornices



No. 1250

Height, 24 inches. Projection, 12 inches.

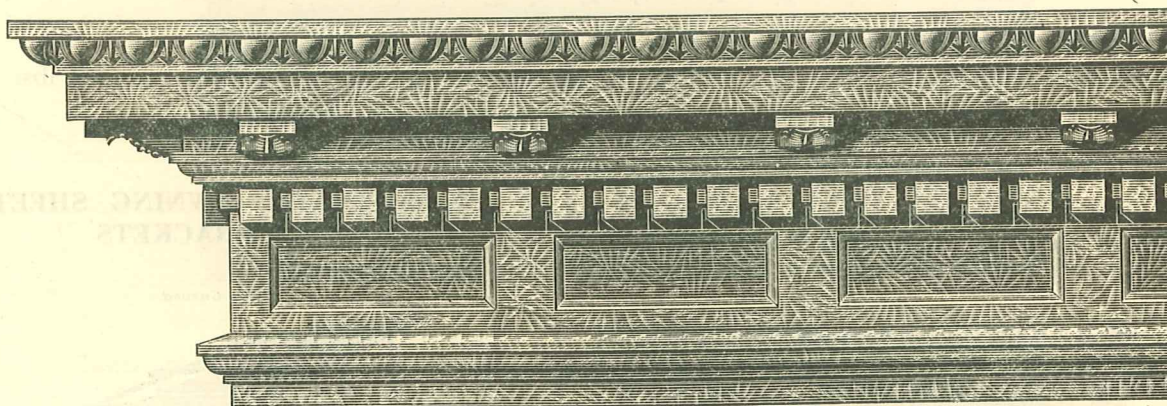
|                             |        |
|-----------------------------|--------|
| Price, per lineal foot..... | \$2.00 |
| End Blocks, each.....       | 7.50   |
| Mitres, each, extra.....    | 3.00   |



No. 1252

Height, 33 inches. Projection, 16 inches.

|                             |        |
|-----------------------------|--------|
| Price, per lineal foot..... | \$3.00 |
| End Blocks, each.....       | 9.50   |
| Mitres, each, extra.....    | 3.30   |



No. 1265

Height, 40 inches. Projection, 24 inches.

|                             |        |
|-----------------------------|--------|
| Price, per lineal foot..... | \$4.50 |
| Mitres, each, extra.....    | 4.00   |
| End Blocks, each.....       | 14.00  |

*No extra charges for crating*

We can make any design of cornice from architect's plans or blue prints and will be glad to make special delivered price.

In charging for mitres, measurements are taken at the longest points of mitre to obtain the number of lineal feet of cornice in the mitre, which is charged for at the same rate as remainder of cornice, and the charge for mitre is extra, and is to be added to the price of cornice, which the mitre contains. Prices do not include covering of cornices. Prices on Copper Cornices quoted upon application.





NORMAN'S "2 IN 1" METAL SPANISH TILE ROOFING  
Residence, San Antonio, Texas

## Facts About Roofs—

### PROTECTION

The main and all-important use for a roof is protection. No matter how ornamental a roof is, unless it offers protection from the elements it fails in its purpose.

Metal roofs offer triple protection—from WEATHER, FIRE and LIGHTNING. No other kind of roofing offers as much.

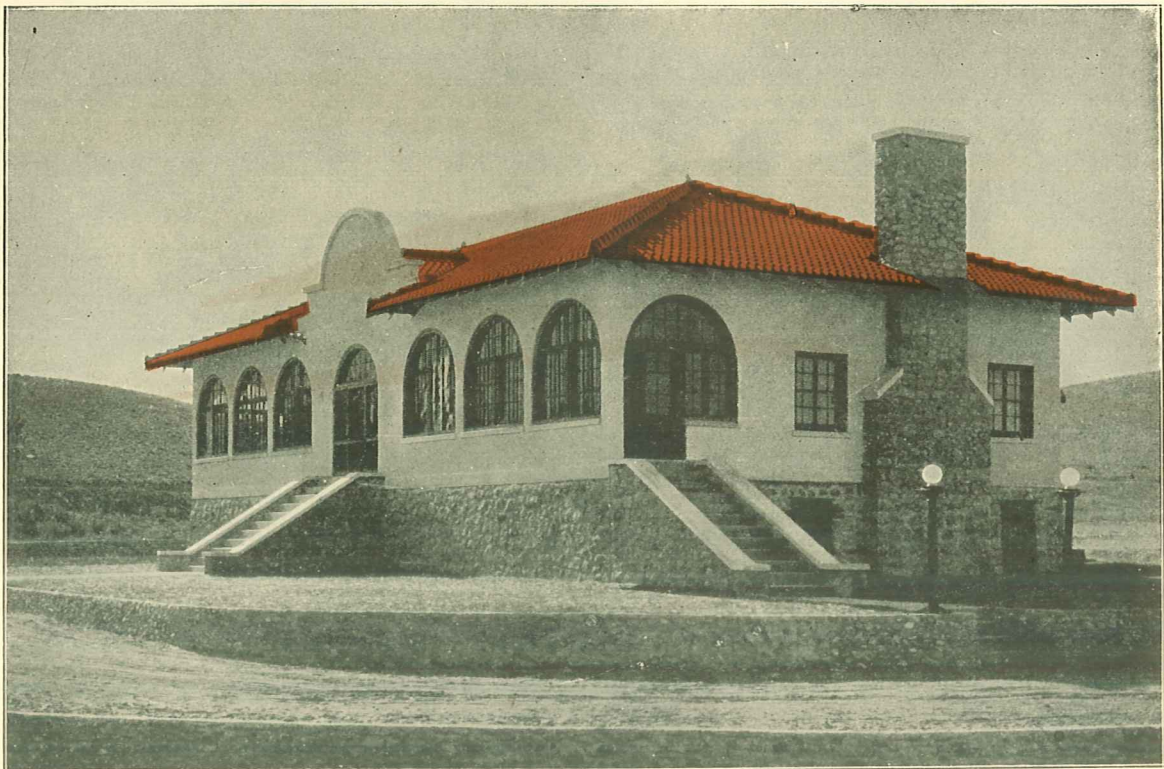
### LIGHTNING

Destruction of life and property by lightning seems to be increasing. Scientists attribute this largely to the disappearance of timber from the country, forests formerly absorbing a larger portion of the electric discharges. The United States Department of Agriculture has studied results of lightning and issues a bulletin in which they say metal-roofed buildings properly grounded are almost if not entirely immune from damage by lightning. A rain down-spout, or a strip of metal, or fairly large wire will serve as a ground connection. It is well for this connection to go some distance into the earth. Lightning goes straight through asbestos, composition, slate, rubberoid, clay tile, and wood shingle roofs.

### FIRE

A large per cent of all fires start from sparks falling on wood shingles or roofs of other inflammable material. In conflagrations which sweep over whole sections of cities, burning embers fall on inflammable roofs blocks away when all available fire apparatus is already busy. After a few years wood shingles weather and become loose in texture making a surface that is very easily ignited. Many of the various composition roofs are a little slower to ignite but once started they will burn with fierce heat and black smoke. A metal roof reduces the insurance rate 10 per cent or more in most states.





NORMAN'S "2 IN 1" METAL SPANISH TILE ROOFING  
Country Club, Grand Junction, Colorado

### APPLYING

Norman's Metal Tile and Shingles are easily applied over old wood or composition roofs or on new buildings. On new buildings or over composition or rubberoid shingles we recommend the use of a light waterproof paper which keeps out dust, etc., and makes the roof warmer in winter and cooler in summer. Full directions are packed with each box, and the average workman will have no difficulty in applying.

### SHIPMENTS

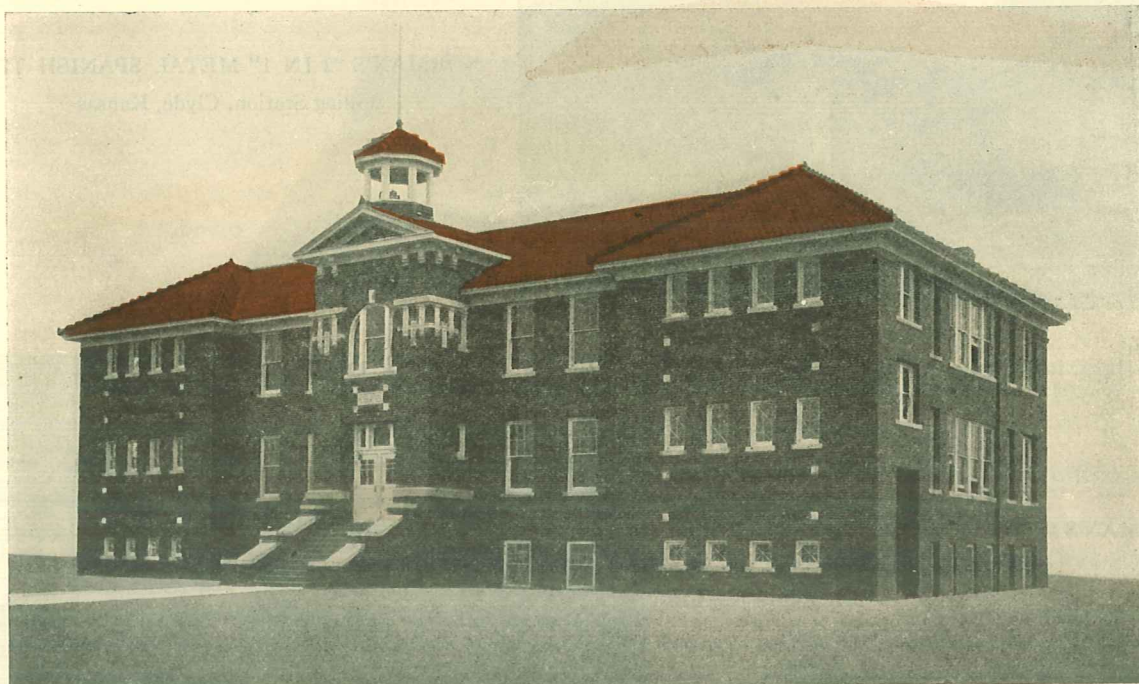
We carry a large stock of Metal Tile and Shingles and can usually ship within twenty-four hours from the time order is received.

### ESTIMATES

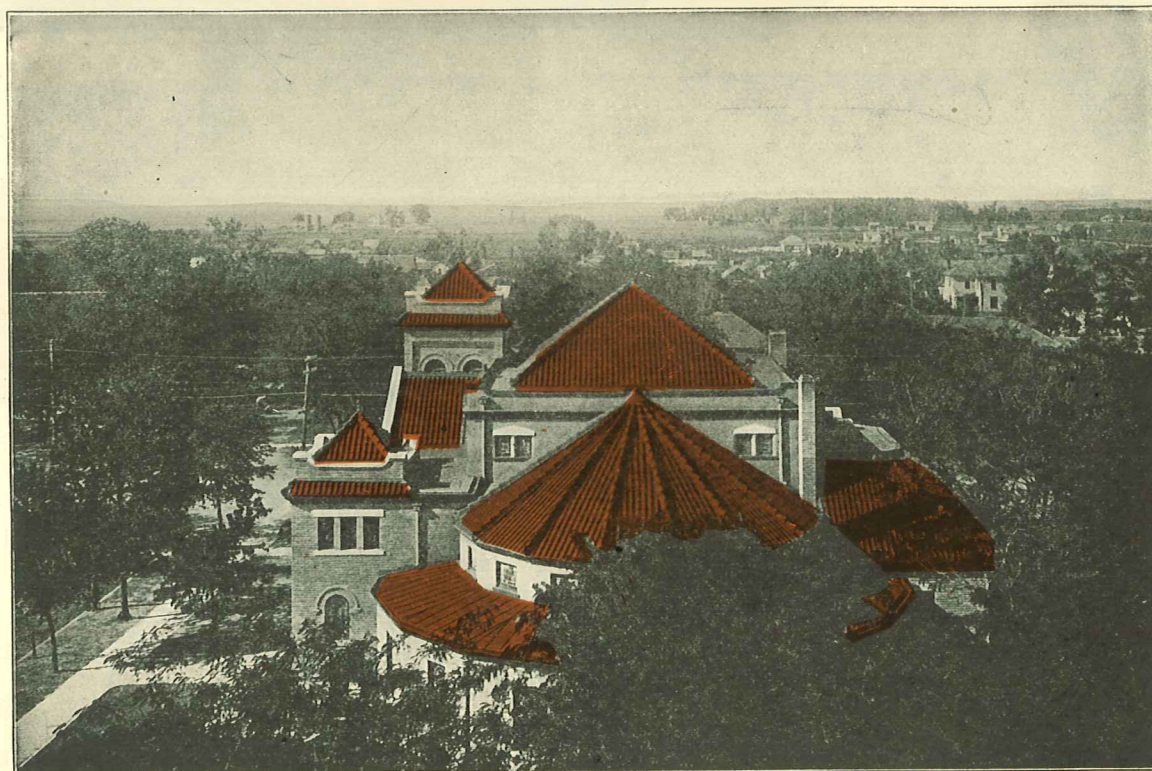
If you will send us a sketch of the roof we can give you an estimate on short notice and quote on necessary material delivered complete F. O. B. your city.



## Norman's Metal Spanish Tile



School Building at Macksville, Kansas



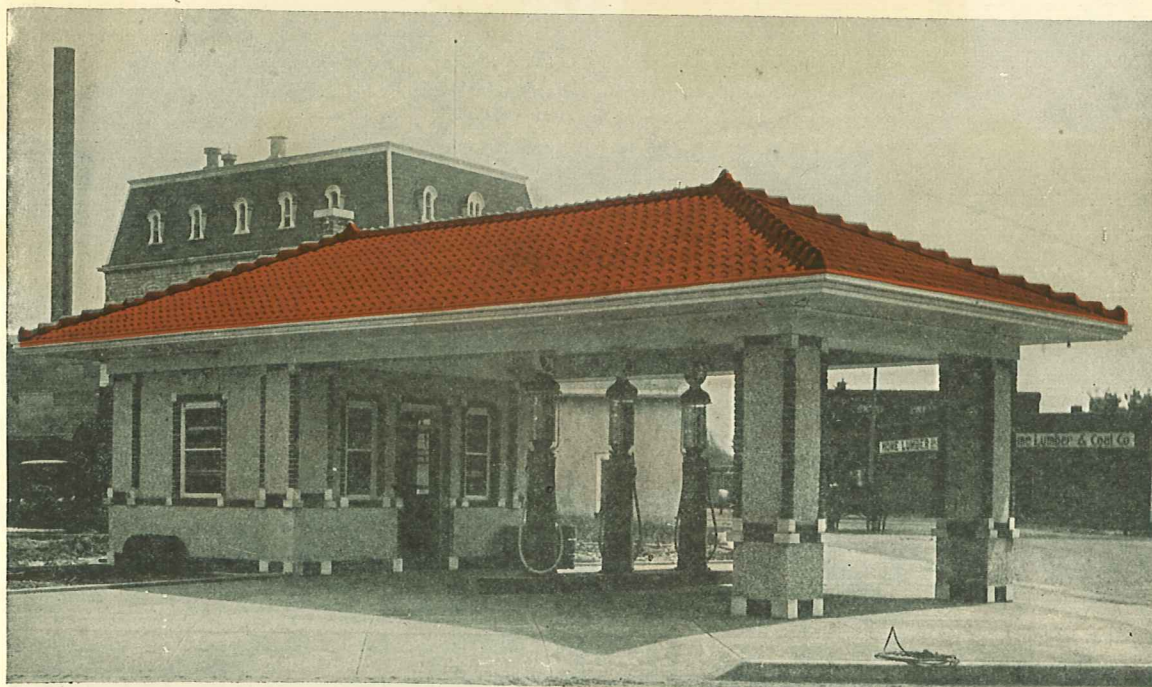
View of Norman's Metal Spanish Tile Roofing on First Congregational Church, Great Bend, Kansas





NORMAN'S "2 IN 1" METAL SPANISH TILE  
Filling Station, Clyde, Kansas

NORMAN'S "2 IN 1" METAL SPANISH TILE  
Joplin, Mo.



NORMAN'S "2 IN 1" METAL SPANISH TILE ROOFING  
Filling Station, Clay Center, Kansas



# Norman's Metal Spanish Tile

ORNAMENTAL AND DURABLE



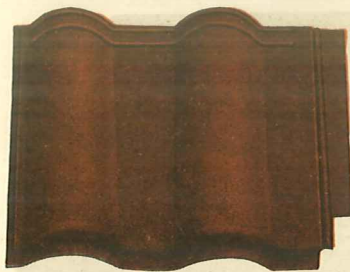
Roofs of buildings often form one of their chief beauties from an architectural standpoint. Norman's Metal Tile roofs add a touch of elegance and refinement and possess more advantages than any other type of high-class roof. They are lightning-proof, will not burn, blow off, crack, or rot. Metal roofs have been standard for more than a century for the best class of buildings. If given a coat of paint every few years, they will last a lifetime.

A Metal Roof reduces the cost of insurance 10 per cent or more in most states. More fires start from sparks falling on wood shingles than from all other causes.

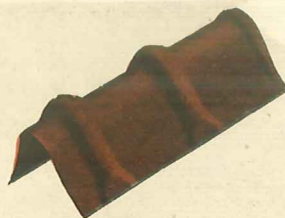
We have seen one of our Metal Spanish Tile roofs which was not damaged by a windstorm which blew down all trees in the yard and blew most of the windows from the building.

## Special Roofing Booklet Mailed on Request

The Galvanized Tile are made from a Special Tight Coat Copper Steel Sheet.



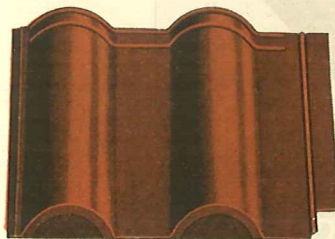
"2 in 1" Tile



Ridge Tile

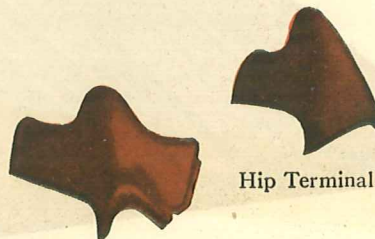


Valley Tile

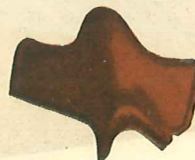


One Piece Closed End Starter

The Painted Tile are made of IX Tin Plate 8-pound Coating Copper Steel Sheet.



Hip Terminal



No. 50 Finial



Hip Tile

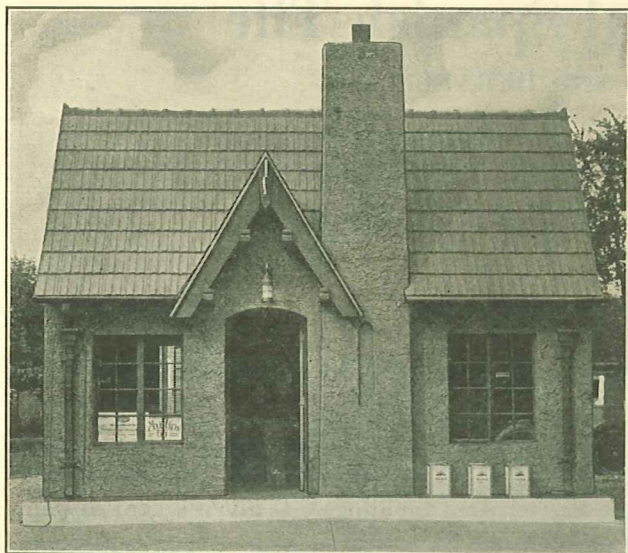
## List Prices—Norman's "2 in 1" Metal Spanish Tile

|                                        |         |
|----------------------------------------|---------|
| IX Tin (Red or Green), per square..... | \$19.00 |
| Galvanized, per square.....            | 19.00   |

## List Prices for Tile Trimmings IX Tin or Galvanized

|                                                            |        |                                 |        |
|------------------------------------------------------------|--------|---------------------------------|--------|
| Ridge or Hip Finish, complete with flashing, per foot..... | \$ .70 | Gable End Finish, per foot..... | \$ .06 |
| Ridge or Hip Flashing for one side, per foot.....          | .15    | Hip Terminals, each.....        | 2.70   |
| Valley (3 Tile to each foot of Valley), each               | .30    | Gable Finials, each.....        | 3.00   |
| Folded Apron Valley, 14-inch girth, per foot.....          | .26    | No. 50 Hip Finials, each.....   | 3.00   |





Here is a Metal Tile Shingle that is weather-proof, and is even DUST-PROOF, because it locks top, bottom and sides and is as easily laid on roof, and faster than any regular shingle, because they are larger—14x19 inches in size. They show 12 inches to the weather and are bold, the butts standing about one inch high. A beautiful roof.

This is what the architects and builders have been looking for, for years.

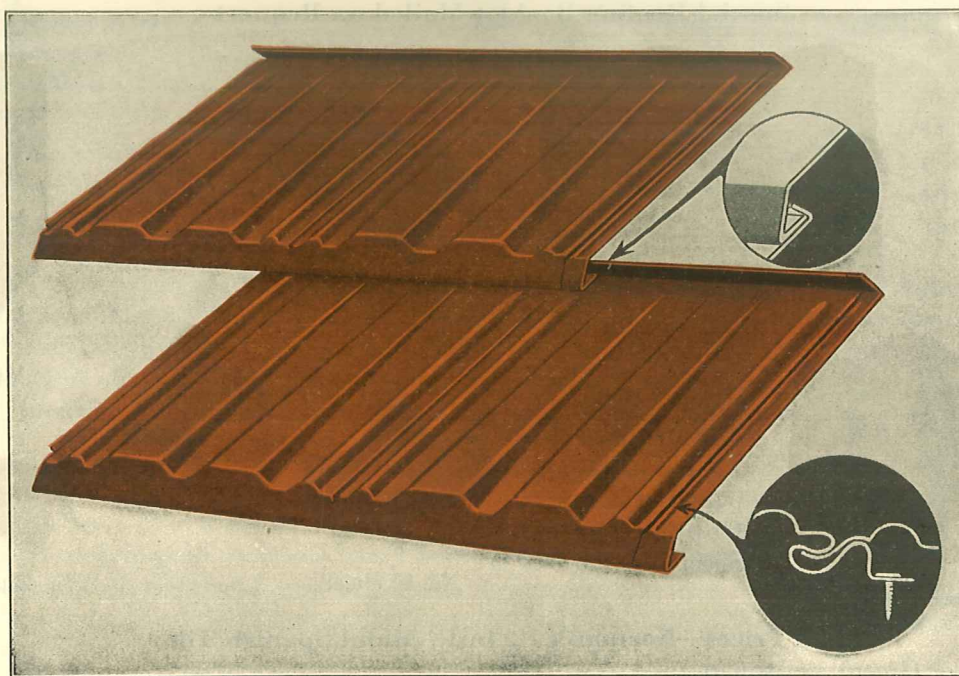
Size, 14x19 inches; 64 Tile per 100 square feet. Shipping weight per square, 120 lbs.

#### List Price per Square

|                                |         |
|--------------------------------|---------|
| Galvanized "NORMANDIE" Tile... | \$16.50 |
| IX Tin (Red or Green).....     | 16.50   |

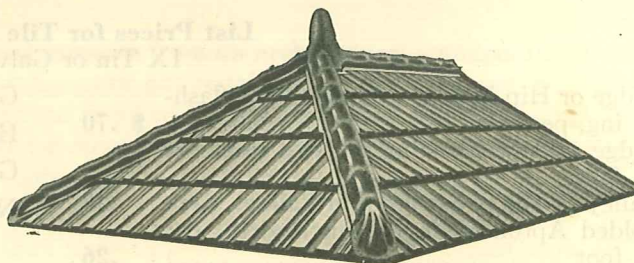
Write for further information.

## Norman's Normandie Tile



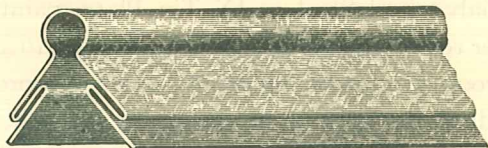
Above illustration shows construction of Normandie Tile.

The illustration at the right shows a small section of roof covered with Normandie Tile.

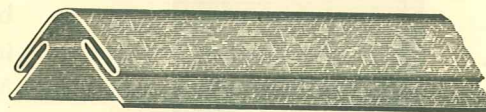




## Special Fittings for Metal Shingles



**Folded Apron Ridge Roll**



**Folded Apron Angle Cap**

Made in Eight- and Ten-Foot Lengths.

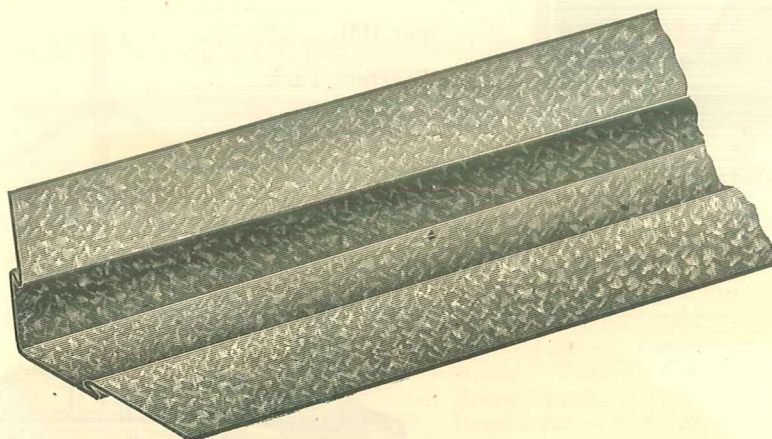
### List Prices Galvanized Steel

#### Folded Apron Ridge Roll

|                                                |              |
|------------------------------------------------|--------------|
| 1 $\frac{1}{4}$ -inch Roll, 12-inch Girth..... | 23c per foot |
| 1 $\frac{1}{2}$ -inch Roll, 14-inch Girth..... | 26c per foot |
| 1 $\frac{1}{2}$ -inch Roll, 16-inch Girth..... | 30c per foot |

#### Folded Apron Angle Cap

|                    |              |
|--------------------|--------------|
| 10-inch Girth..... | 23c per foot |
| 12-inch Girth..... | 26c per foot |
| 14-inch Girth..... | 30c per foot |

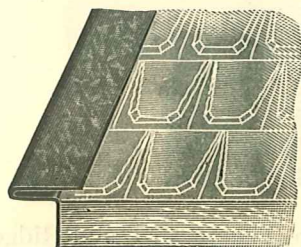


**Folded Shingle Valley**

The Shingles or Tile lock over the fold of this Valley; allows for expansion or contraction; all nail heads are covered.

### List Prices Galvanized Steel

|                    |                   |
|--------------------|-------------------|
| 12-inch Girth..... | 23 cents per foot |
| 14-inch Girth..... | 26 cents per foot |
| 16-inch Girth..... | 30 cents per foot |



**Gable End Finish**

This Finish is simple in construction, neat in appearance and water-tight, easy to apply, holds Shingles firmly in position, all nails covered. Made in ten-foot lengths.

### List Price

|                       |                  |
|-----------------------|------------------|
| Galvanized Steel..... | 6 cents per foot |
|-----------------------|------------------|



## Metal Shingles

Made of Galvanized Steel or IX Tin Plate, painted, both sides, either red or green. Size of each shingle, 10 x 14 inches. Fire-proof, windproof, lightning-proof, rain-proof. Metal roofs reduce the cost of insurance 10 per cent or more in most states. Shipping weight per square, 120 lbs.

### List Prices

Style "A"—10x14 Galvanized Shingles, per square. **\$13.50**

Style "A"—10x14 IX Tin Shingles (Red or Green),

per square ..... **13.50**

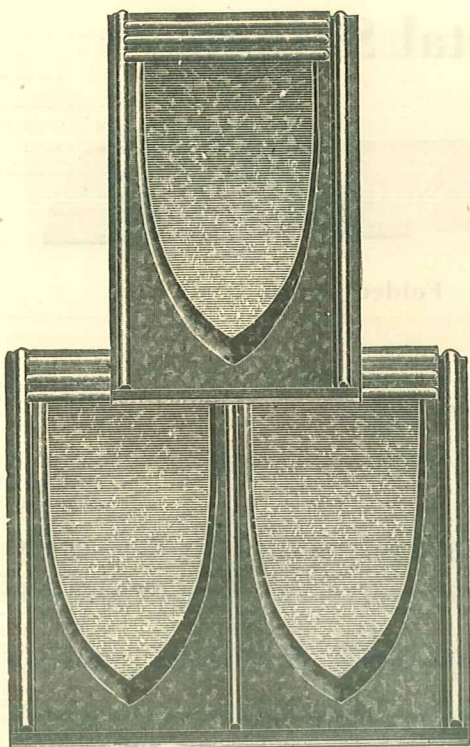
10x14 Ridge Tile, Galvanized, per 100 ..... **12.00**

10x14 Ridge Tile, IX Tin, Painted Red or Green,

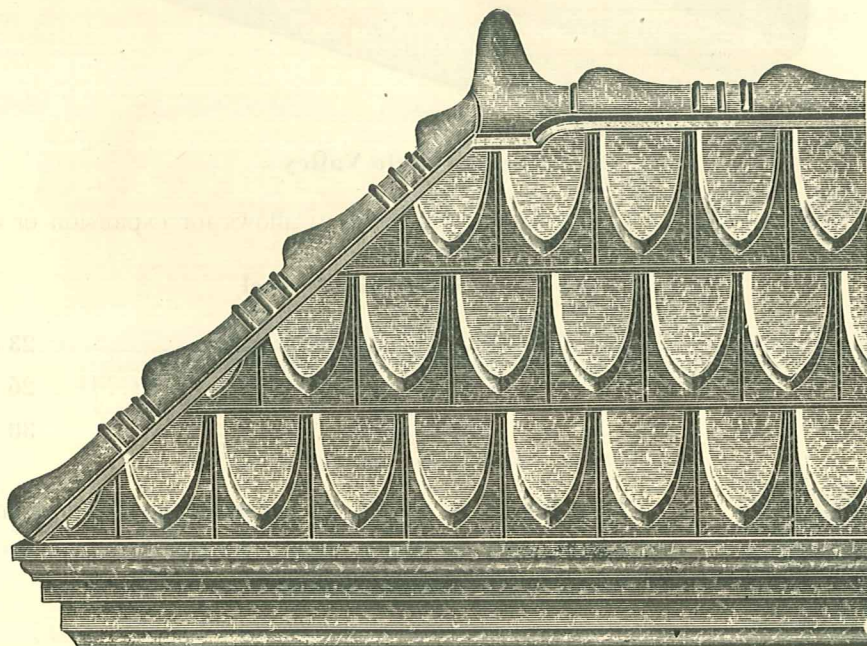
per 100 ..... **13.00**

Hip Starters, each ..... **.32**

No. 25 Finials, each ..... **1.50**



Style "A" Metal Shingle



A section of roof covered with our Style "A" Shingle, with 10x14 Ridge Tile on Hips and Ridge and No. 25 Hip Finial in position.





### GALVANIZED IRON-BOUND WELL BUCKETS

No. 28-Gauge

4-inch

4½-inch

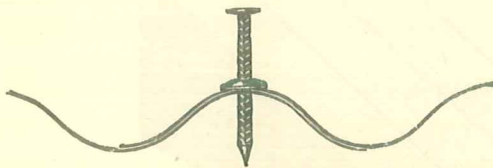
5-inch

5½-inch

6-inch

All Sizes Same Price

Per Dozen . . . . . \$18.00



### GALVANIZED BARBED ROOFING NAILS

Large Head

We carry in stock galvanized 1½-inch, 2-inch, and 2½-inch.

Per pound . . . . . 20c

### LEAD WASHERS



About 325 washers in one pound; one-third of a pound sufficient to apply one square.

Per pound . . . . . 30c

### SILO CHUTE



Prevents silage from scattering when thrown down. Shelters ladder in slippery weather, preventing falls. Fastens to side of ladder or door frame. Plenty of room. Will not burn, blow down, crack, or rot. If connected to ground by large wire or strip of metal makes excellent protection against lightning. Made in sections convenient for handling and to get lowest freight rate. Made of 28-gauge steel, well galvanized. Ladder or top not included.

Price, per foot in height . . . . . \$1.00

Metal top with heavy glass . . . . . 8.00

## Galvanized Steel Well Casing

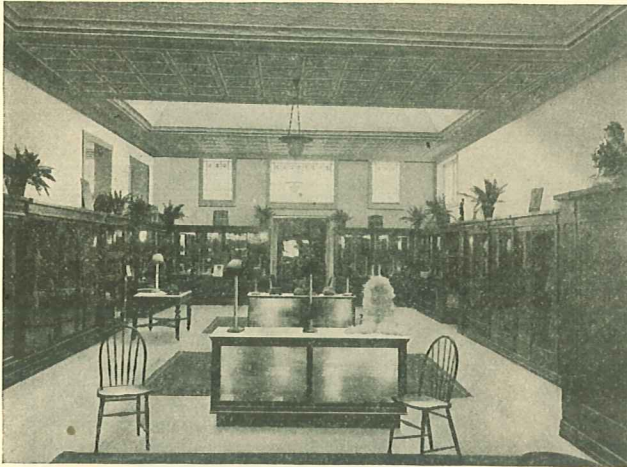


Ten-Foot Lengths. No Cross Seams.

Made in 10-foot lengths. Made of No. 20 and No. 24-Gauge iron. Has ears attached for wiring together.

|                               | 5-inch  | 5½-inch | 6-inch  | 7-inch  | 8-inch  |
|-------------------------------|---------|---------|---------|---------|---------|
| 24-Gauge Galvanized . . . . . | \$32.00 | \$36.00 | \$40.00 | \$56.00 | \$64.00 |
| 20-Gauge Galvanized . . . . . | 42.00   | 46.00   | 49.00   | 66.00   | 80.00   |



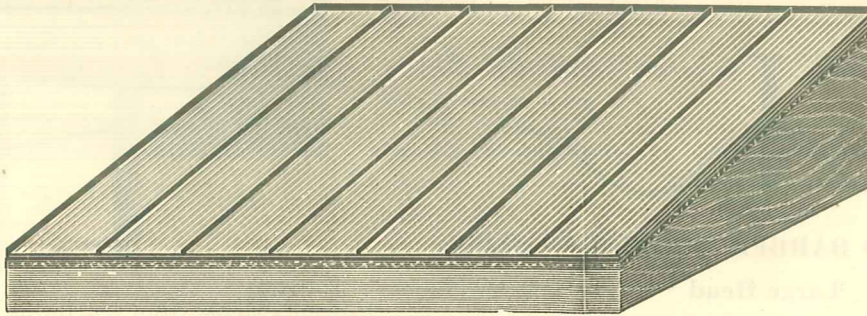


## Norman Skylights

The excellent lighting in this store is produced by a Norman Puttyless Skylight. A good skylight shows goods in the store in their proper colors. Daylight gives a customer more assurance and confidence than dark artificially lighted rooms. A good skylight changes dark rooms into valuable show rooms, making them more healthful and pleasant. A skylight will soon return its cost in saving in electric lights. Especially suited for the store, workshop, garage, or office.

Prices shown on the following pages are not delivered, but we will be glad to quote delivered price on any style or sizes on request. They are quickly and easily installed. Glass rests on an asphalt saturated felt, and no putty is required.

Prices quoted are for frames made of Galvanized Steel, and do not include wood curb, but include glass, which is shipped packed in separate cases. Skylights larger than 6x10 will be shipped in sections as large as convenient for transportation. No putty required.



**No. 50**

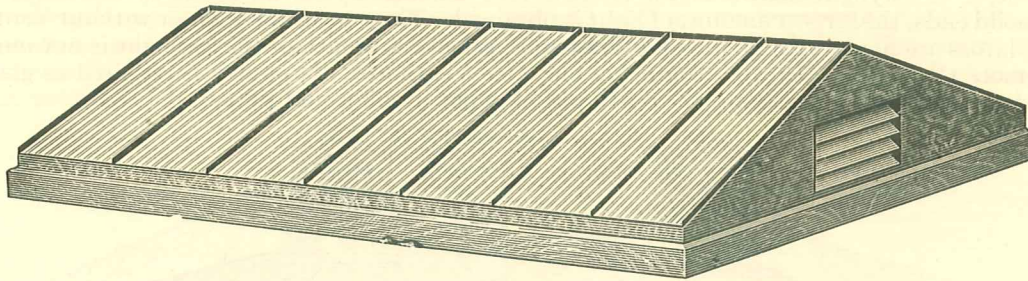
Single-Pitch Skylight. Wood Curb not furnished.

### List Price of No. 50 Skylights

| Size from out to out of curb | With ribbed glass | With wired glass | Size from out to out of curb | With ribbed glass | With wired glass |
|------------------------------|-------------------|------------------|------------------------------|-------------------|------------------|
| 3x 3 ft.....                 | \$13.70           | \$16.50          | 5x10 ft.....                 | \$45.00           | \$52.20          |
| 3x 4 ft.....                 | 18.40             | 20.70            | 6x 8 ft.....                 | 43.20             | 49.90            |
| 3x 5 ft.....                 | 20.60             | 23.40            | 6x10 ft.....                 | 52.20             | 63.40            |
| 3x 6 ft.....                 | 22.50             | 25.20            | 6x12 ft.....                 | 60.00             | 71.10            |
| 4x 4 ft.....                 | 21.60             | 23.70            | 6x14 ft.....                 | 69.30             | 80.00            |
| 4x 5 ft.....                 | 25.80             | 28.80            | 7x10 ft.....                 | 59.80             | 70.20            |
| 4x 6 ft.....                 | 26.60             | 29.70            | 8x10 ft.....                 | 65.70             | 75.60            |
| 4x 8 ft.....                 | 32.00             | 36.00            | 8x12 ft.....                 | 77.00             | 89.30            |
| 5x 6 ft.....                 | 32.00             | 36.00            | 8x14 ft.....                 | 89.10             | 103.50           |
| 5x 8 ft.....                 | 36.00             | 41.40            | 10x12 ft.....                | 98.60             | 117.00           |



# Skylights



No. 51

This Skylight is excellent where a medium-priced Skylight is required. Prices include louvre ventilator in each end. If ventilators are wanted that will open and close, add \$2 per Skylight. No putty required as glass rests upon a specially prepared felt. This saves 3 to 10 dollars per Skylight in labor and putty.

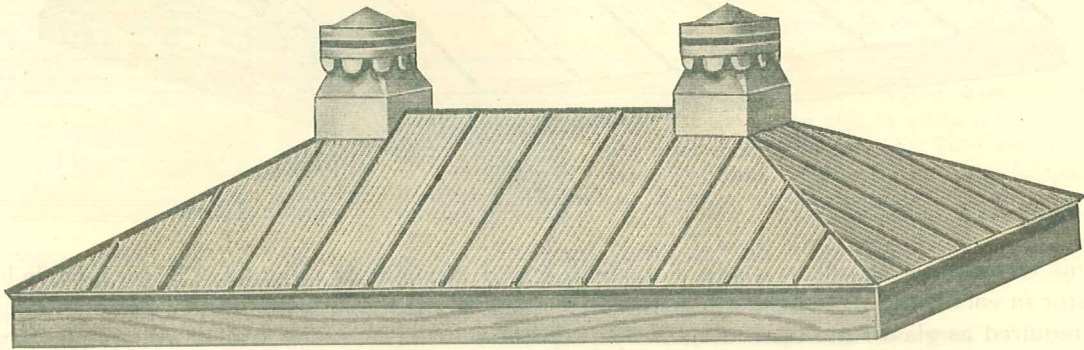
List Prices of No. 51 Skylight

| Size from out to out<br>of curb | With ribbed<br>glass | With wired<br>glass | Size from out to out<br>of curb | With ribbed<br>glass | With wired<br>glass |
|---------------------------------|----------------------|---------------------|---------------------------------|----------------------|---------------------|
| 3x 3 ft.....                    | \$23.40              | \$26.00             | 5x10 ft.....                    | \$74.70              | \$86.00             |
| 3x 4 ft.....                    | 27.00                | 32.00               | 6x 8 ft.....                    | 70.20                | 79.40               |
| 3x 5 ft.....                    | 30.80                | 36.00               | 6x10 ft.....                    | 89.00                | 99.00               |
| 3x 6 ft.....                    | 34.20                | 39.60               | 6x12 ft.....                    | 99.20                | 112.80              |
| 4x 4 ft.....                    | 32.20                | 37.30               | 6x14 ft.....                    | 110.00               | 126.70              |
| 4x 5 ft.....                    | 37.80                | 44.30               | 8x10 ft.....                    | 104.60               | 120.60              |
| 4x 6 ft.....                    | 43.20                | 48.60               | 8x12 ft.....                    | 120.60               | 140.00              |
| 4x 8 ft.....                    | 52.00                | 59.00               | 8x14 ft.....                    | 138.00               | 164.00              |
| 5x 6 ft.....                    | 51.50                | 58.40               | 10x14 ft.....                   | 164.00               | 180.00              |
| 5x 8 ft.....                    | 61.50                | 66.60               | 12x14 ft.....                   | 187.20               | 200.00              |



## Skylights

The style of Skylight shown below is used very extensively on all kinds of buildings. There being no solid ends, the largest amount of light is obtained. They are made with or without Ventilators, and Ventilators are made with or without dampers. When the length of the Skylight is not more than two feet more than the width we recommend only one Ventilator. No putty is required as glass rests on a specially prepared felt, saving \$3 to \$10 per Skylight in labor and putty.



No. 52

Hipped Skylight with Tubular Ventilators.

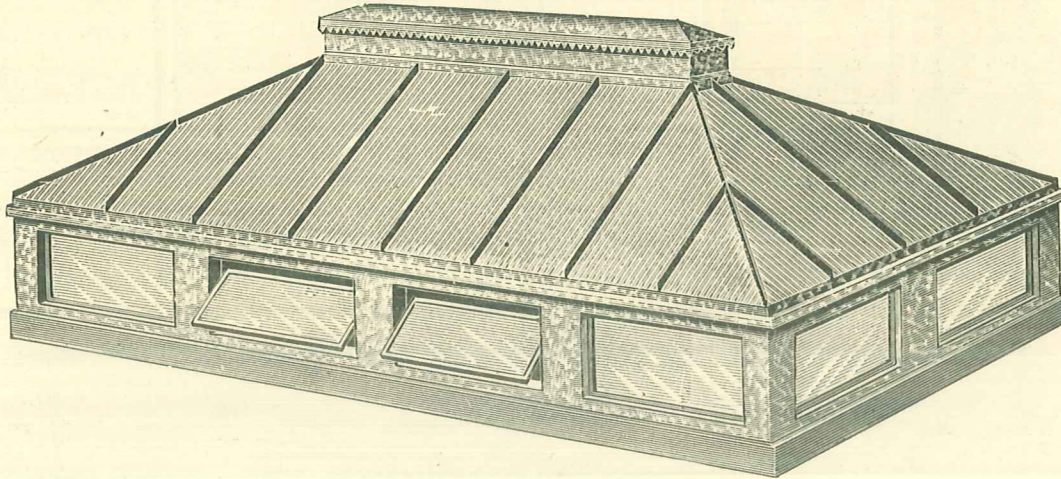
### List Prices of No. 52 Skylight

| Size from out to out of curb | With ribbed glass | With wired glass | Extra for each vent with damper | Size from out to out of curb | With ribbed glass | With wired glass | Extra for each vent with damper |
|------------------------------|-------------------|------------------|---------------------------------|------------------------------|-------------------|------------------|---------------------------------|
| 3x 3 ft. ....                | \$19.80           | \$24.80          | \$6.00                          | 6x12 ft. ....                | \$92.00           | \$104.40         | \$10.00                         |
| 3x 4 ft. ....                | 27.40             | 31.90            | 6.00                            | 6x14 ft. ....                | 104.40            | 118.80           | 10.00                           |
| 3x 5 ft. ....                | 29.80             | 33.70            | 6.00                            | 7x 7 ft. ....                | 68.40             | 76.50            | 11.00                           |
| 3x 6 ft. ....                | 34.00             | 38.20            | 6.00                            | 7x10 ft. ....                | 90.00             | 102.60           | 11.00                           |
| 4x 4 ft. ....                | 30.00             | 33.80            | 8.00                            | 7x12 ft. ....                | 102.60            | 118.00           | 11.00                           |
| 4x 5 ft. ....                | 35.10             | 39.60            | 8.00                            | 8x 8 ft. ....                | 87.30             | 100.00           | 11.00                           |
| 4x 6 ft. ....                | 37.50             | 42.80            | 8.00                            | 8x10 ft. ....                | 100.00            | 113.40           | 11.00                           |
| 4x 8 ft. ....                | 46.20             | 53.30            | 8.00                            | 8x12 ft. ....                | 116.60            | 133.20           | 11.00                           |
| 5x 5 ft. ....                | 37.80             | 43.40            | 8.00                            | 8x14 ft. ....                | 138.60            | 157.15           | 11.00                           |
| 5x 8 ft. ....                | 52.50             | 64.80            | 8.00                            | 9x9 ft. ....                 | 99.60             | 113.40           | 11.00                           |
| 5x10 ft. ....                | 70.80             | 80.00            | 8.00                            | 10x10 ft. ....               | 122.00            | 141.30           | 11.00                           |
| 6x 6 ft. ....                | 55.20             | 67.10            | 10.00                           | 10x12 ft. ....               | 150.00            | 216.00           | 11.00                           |
| 6x 8 ft. ....                | 64.80             | 72.90            | 10.00                           | 10x14 ft. ....               | 176.00            | 250.00           | 11.00                           |
| 6x10 ft. ....                | 84.60             | 94.80            | 10.00                           | 12x14 ft. ....               | 200.00            | 290.00           | 13.00                           |



## Skylights

Our No. 54 Skylight, as shown below, is one of the best constructed on the market. It is made with Ridge Ventilator, as shown in cut. The side and end sash are made movable, and the sash are made storm-proof and made to open when locking apparatus is released. Where the largest amount of light and ventilation is wanted, our No. 54 is the Skylight to use. No putty required as glass rests on specially prepared felt, saving \$3 to \$10 in labor and putty.



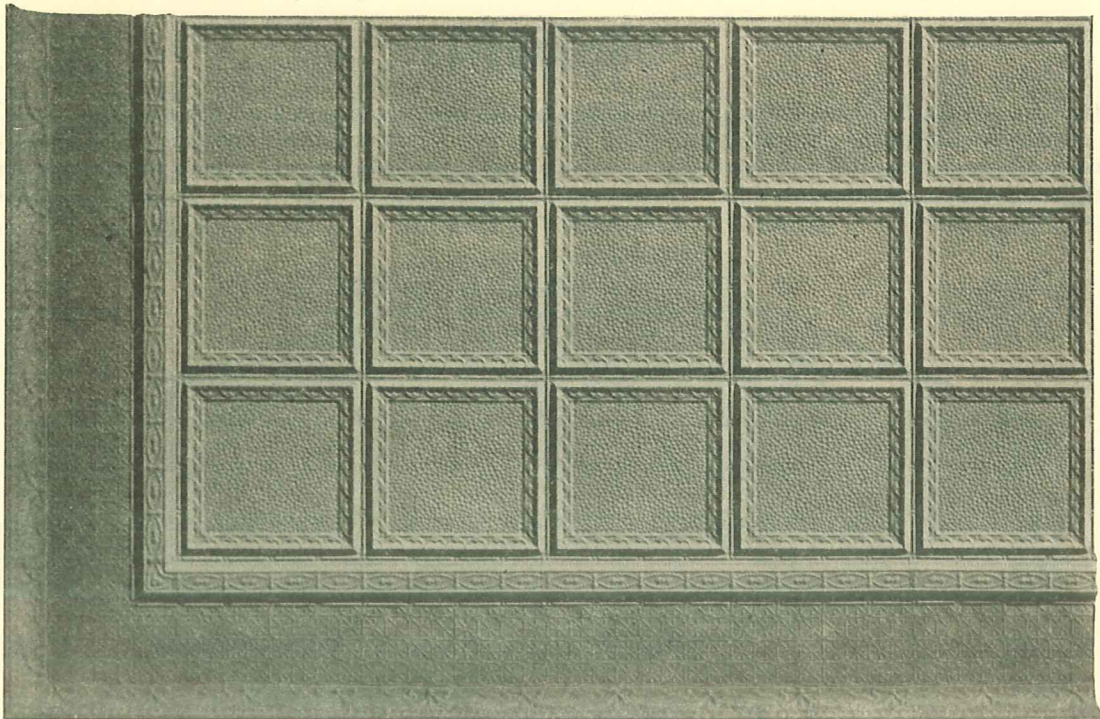
No. 54

Hipped Turret Skylight with Ridge Ventilator, Movable Side and End Glass Transoms, and Locking Apparatus.

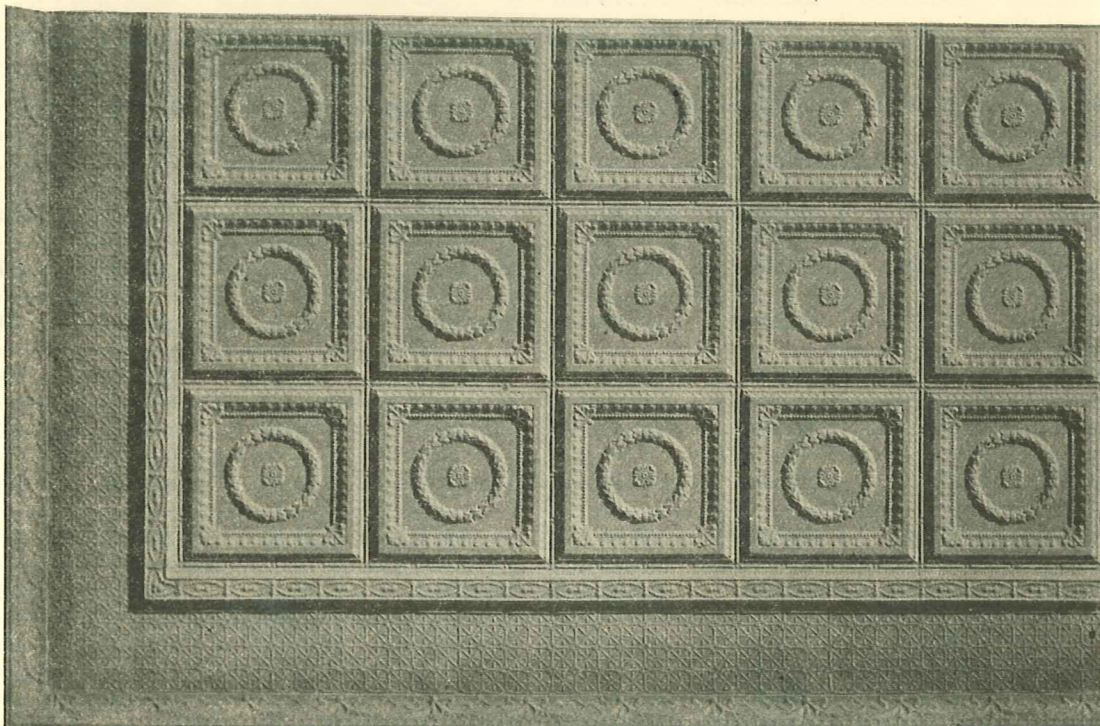
### List Prices of No. 54 Skylight

| Size from out to out<br>of curb | With ribbed<br>glass | With wired<br>glass | Size from out to out<br>of curb | With ribbed<br>glass | With wired<br>glass |
|---------------------------------|----------------------|---------------------|---------------------------------|----------------------|---------------------|
| 3x 5 ft.....                    | \$99.60              | \$111.80            | 6x10 ft.....                    | \$198.00             | \$225.00            |
| 3x 6 ft.....                    | 117.00               | 127.80              | 6x12 ft.....                    | 229.00               | 259.20              |
| 4x 4 ft.....                    | 102.00               | 112.00              | 6x14 ft.....                    | 252.00               | 286.00              |
| 4x 5 ft.....                    | 123.80               | 135.00              | 7x10 ft.....                    | 220.00               | 251.10              |
| 4x 6 ft.....                    | 135.00               | 147.60              | 7x12 ft.....                    | 244.80               | 279.00              |
| 4x 8 ft.....                    | 160.00               | 176.40              | 8x10 ft.....                    | 234.00               | 270.00              |
| 5x 5 ft.....                    | 137.40               | 153.00              | 8x12 ft.....                    | 258.00               | 297.00              |
| 5x 6 ft.....                    | 153.00               | 169.20              | 8x14 ft.....                    | 302.00               | 349.20              |
| 5x 8 ft.....                    | 165.60               | 183.70              | 10x10 ft.....                   | 364.00               | 406.00              |
| 5x10 ft.....                    | 180.00               | 203.40              | 10x12 ft.....                   | 396.00               | 444.00              |
| 6x 6 ft.....                    | 161.40               | 178.00              | 10x14 ft.....                   | 432.00               | 488.00              |
| 6x 8 ft.....                    | 176.00               | 200.00              | 12x14 ft.....                   | 495.00               | 560.00              |



**Design No. 3500**

No. 254 Cornice. No. 201 Filler. No. 203 Mold. No. 364 Field Plate. Write for prices.

**Design No. 6000**

No. 254 Cornice, 4-inch projection, 6 inches deep. No. 201 Filler. No. 203 Mold. No. 250 Field Plate. Write for prices.

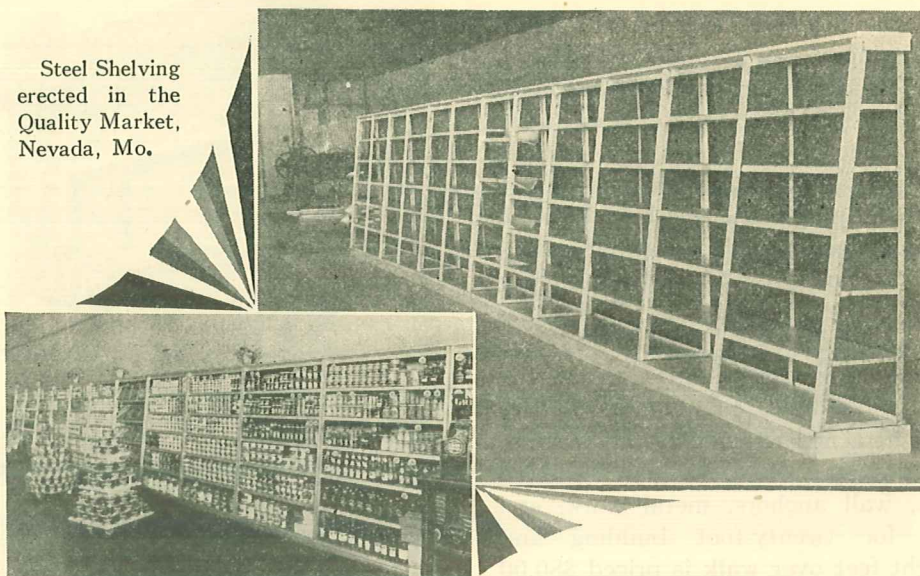
If you will send us a plan or sketch with measurements of the space you wish to cover, we will be glad to quote you a price for the material delivered complete with freight paid to your city.



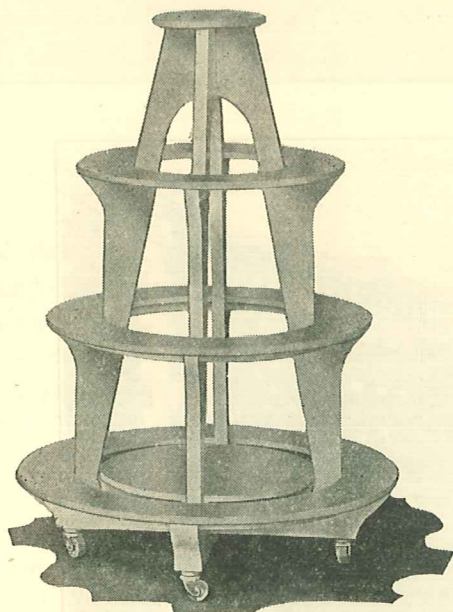
# Sectional Steel Shelving

STRONG — DURABLE — BEAUTIFUL

Steel Shelving  
erected in the  
Quality Market,  
Nevada, Mo.



Increase your sales by furnishing your store with this modern steel shelving. Attracts customers' attention to your merchandise. Permits beautiful and correct display of your merchandise. Carries unlimited load of canned goods or package goods without sagging. Easily taken down and moved to another location. Write for prices.



Round Display Stand

This display stand is light and strong, with casters, and can be placed in any convenient place to increase your sale of package goods or canned goods. This has been a very popular seller. Bottom shelf, 24 inches wide. Total height, 36 inches. Made of wood, stained green or brown.

Price, each..... \$10.50



## Marquise or Chain Awning

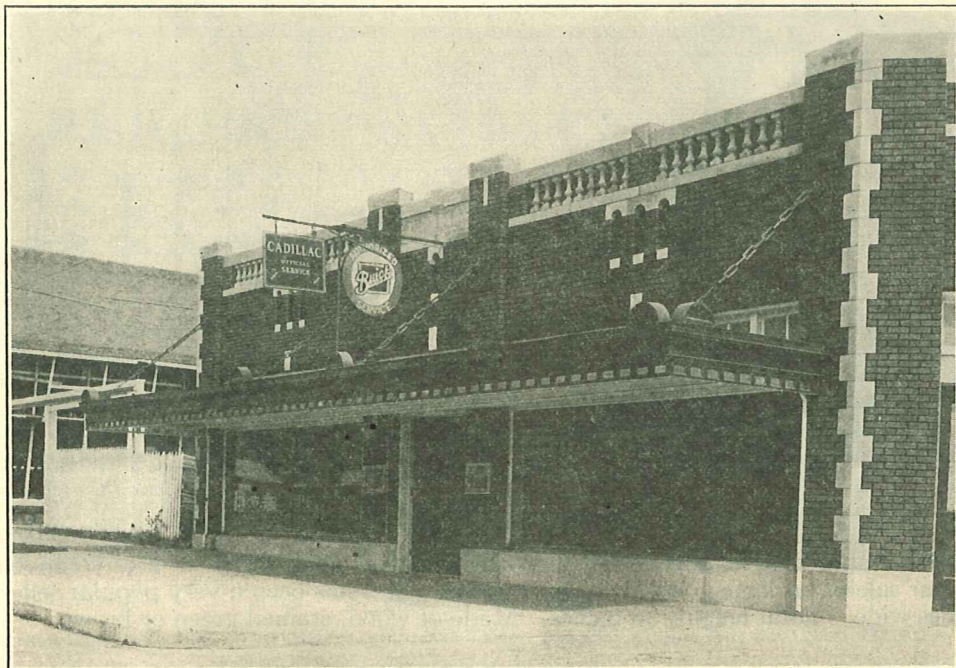
The man who LOOKS THE PART, generally gets the business.

The store, bank, theater, or office that looks the part, exerts a pull that puts dollars in the profit column. One of our handsome Marquees has a quiet dignity and elegance all its own. It speaks good taste, judgment—success.

People stop in sheltered places. That invites them to inspect your windows and enter your store. Let us quote you and you will be surprised at the low cost.

A handsome Marquise adds greatly to the appearance of a building. Being supported by chains or rods attached to building, all troublesome and ugly supports are eliminated. Price includes rods, wall anchors, metal work, etc. A Marquise for twenty-foot building and projecting eight feet over walk is priced \$80.00 and up, depending on the design. Both plain and fancy designs to select from.

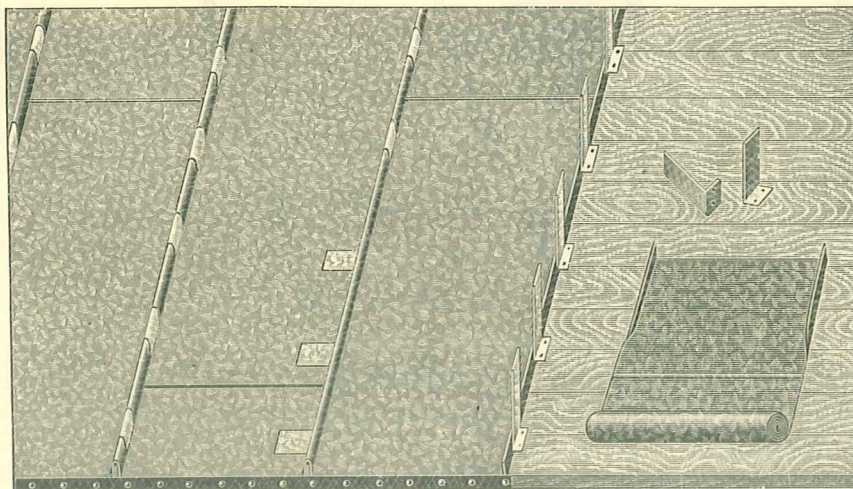
Write for a delivered price for Marquise for your building. Send measurements together with sketch or kodak picture of your building. We will submit prices together with blue print of suitable design.





# Self-Capping Roll Steel Roofing

GALVANIZED



This roofing can be laid on any roof, flat or pitched. On very flat roofs double seams can be turned.

The caps being a part of the Roofing, riveting and countersinking are unnecessary. The galvanized cleats will not rust off, thus allowing the roofing to loosen. This roofing should be laid over solid sheathing, and can be applied by any person of ordinary ability.

Write for Lowest Market Prices

Tools required. Sent only when ordered.

|                                 |        |                                  |        |
|---------------------------------|--------|----------------------------------|--------|
| 1 Pair Squeezing Tongs.....     | \$3.00 | 1 Pair Seaming Tongs.....        | \$3.00 |
| 1 Pair 1-inch Edging Tongs..... | 2.50   | 1 Pair 1½-inch Edging Tongs..... | 2.50   |
| 1 Pair Tinnerns' Snips.....     | 3.00   | Complete yet.....                | 14.00  |

NOTE—Tools loaned must be returned free of expense to us when roof is complete. Always mark on shipping card by whom returned to insure proper credit.

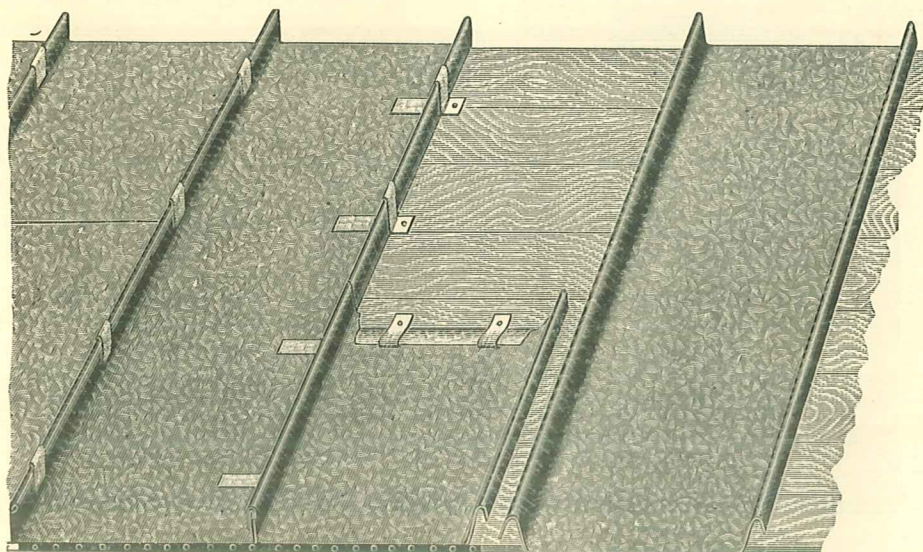
## Directions for Applying Self-Capping Roll Steel Roofing

Unroll and cut off roofing proper length, allowing 1 inch for comb on one end and 1 inch on opposite end for turning down at eaves. On opposite side of roof allow 2 inches at comb to turn down, making 1-inch seam at comb. Turn the outside edge of the first strips you lay down over the barge-board 1 inch, and nail. Turn the inside edge up 1 inch, then anchor it by nailing the cleats about 14 inches apart. Turn up the edge of the next strip 1½ inches and lay it up close to the 1-inch edge of the first strip, turning the excessive ½-inch down over the 1-inch edge, folding the cleat back over the top of the seam and making the latter tight with the tongs.



# Pressed Standing Seam Roofing

## GALVANIZED STEEL



Stock lengths, 5, 6, 7, 8, 9, and 10 feet. Galvanized side and end cleats.

Write for Lowest Market Prices

Tools required. Sent only when ordered.

|                             |        |                |        |
|-----------------------------|--------|----------------|--------|
| 1 Pair Squeezing Tongs..... | \$3.00 | 1 Jointer..... | \$1.00 |
| 1 Pair Tinnerns' Snips..... | 3.00   | 1 Mallet.....  | 50c    |
| Complete Set.....           | \$7.50 |                |        |

NOTE—Tools loaned must be returned free of expense to us when roof is complete. Always mark on shipping card by whom returned to insure proper credit.

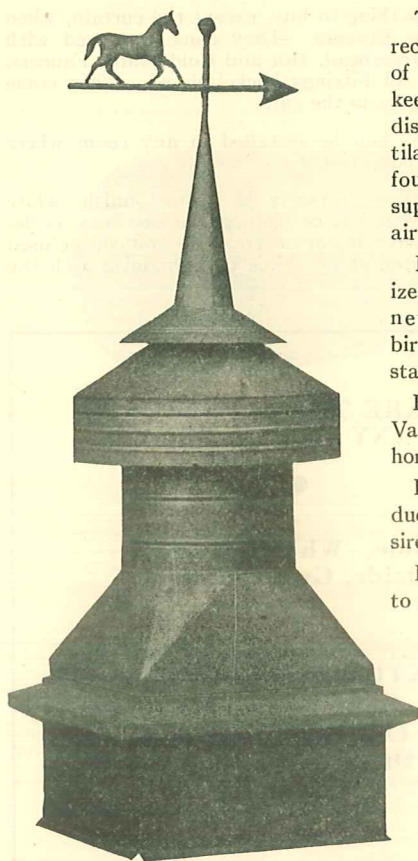
### Directions for Applying Pressed Standing Seam Roofing

Snip and turn the end locks with the jointer by bending one end of the sheet up and the other down. Commence laying at the right-hand corner and eave of the building. Flatten the right-hand cap for the first course and lay the left-hand cap to a chalk line.

Let the bottom sheet project over the eave and the end of the building 1 inch or more, bending the projection down over and nailing to the end and eave of the building; or, if there are fire walls, turn the sheet up 4 to 6 inches, nail securely, and counter-flash. Use two cleats on the end and one every 12 or 14 inches on the side. Continue laying the sheets until the upper part of the roof is reached. If a comb, allow 1 inch on one side and 2 inches on the opposite side to form standing seam along the ridge, or let the end of sheet come even with the ridge on each side and use ridge roll for finish on ridge.



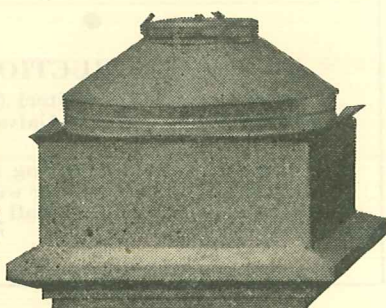
# SPECIAL BARN VENTILATOR



Set Up

## Barn Ventilator

These Ventilators shipped knocked down, thereby reducing freight charges. They can be set up in a few minutes.



Knocked Down

The Government recommends plenty of ventilation to keep stock free from disease. Barn ventilators carry off foul air, insuring a supply of pure fresh air at all times.

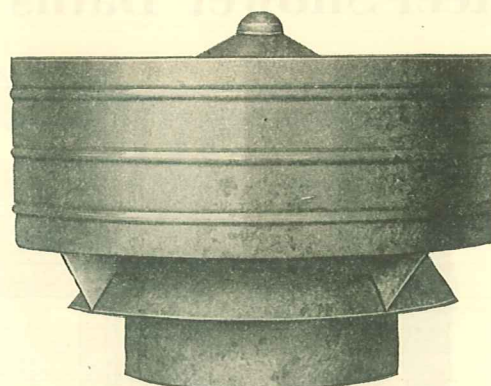
Made of galvanized iron. Wire netting excludes birds. Very substantial.

Bronzed Weather Vane with full body horse or cow.

Lightning Conductor FREE if desired.

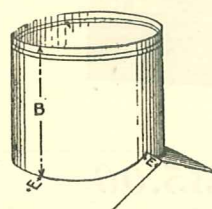
Bolts furnished to fasten to roof.

# GALVANIZED VENTILATORS



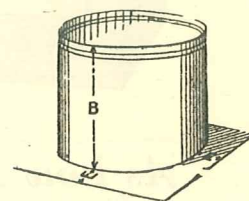
Ventilator No. 20—Metal Top

| Diameter   | Ventilator | Damper | No. 1 or 2  | No. 3 or 4  |
|------------|------------|--------|-------------|-------------|
|            |            |        | Flange Base | Square Base |
| 8 in.....  | \$6.50     | \$1.50 | \$2.00      | \$3.00      |
| 10 in..... | 7.50       | 1.50   | 2.00        | 3.50        |
| 12 in..... | 7.80       | 2.40   | 2.00        | 3.50        |
| 14 in..... | 8.50       | 3.00   | 2.50        | 3.70        |
| 16 in..... | 10.60      | 3.50   | 3.00        | 4.50        |
| 18 in..... | 15.00      | 3.80   | 5.00        | 5.50        |
| 20 in..... | 17.80      | 4.00   | 7.00        | 8.00        |
| 24 in..... | 24.00      | 4.80   | 8.00        | 10.00       |
| 30 in..... | 38.60      | 6.50   | 10.80       | 14.00       |
| 36 in..... | 57.60      | 7.50   | 13.00       | 16.00       |
| 48 in..... | 108.00     | 10.40  | 16.00       | 24.00       |



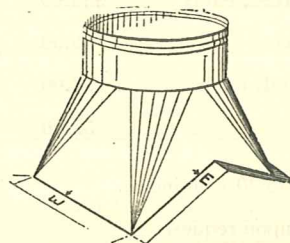
No. 1—Flanged Base

For comb of roof. Give pitch of roof and state kind of roofing.



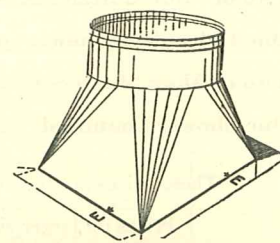
No. 2—Flanged Base

For sloping side of roof. Give pitch of roof and state kind of roofing.



No. 3—Square Base

For comb of roof. Give pitch of roof and state kind of roofing.



No. 4—Square Base

For sloping side of roof. Give pitch of roof and state kind of roofing.

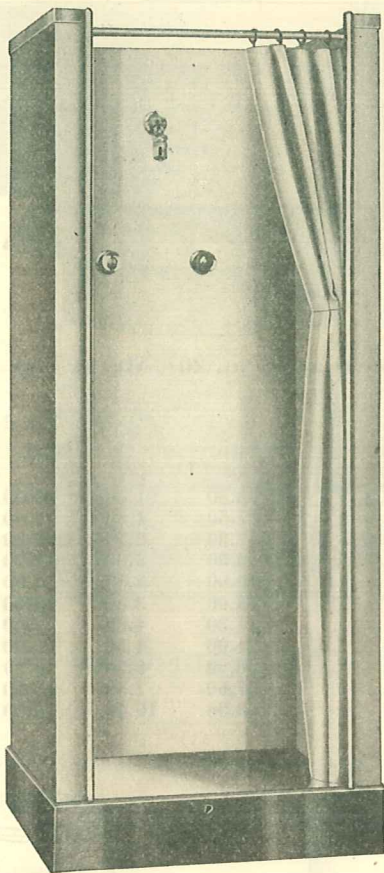
## List Prices Each

| Base         | Shaft  | Height      | Weight   | Price   |
|--------------|--------|-------------|----------|---------|
| 28x28 in.... | 18 in. | 7 ft. 6 in. | 150 lbs. | \$42.00 |
| 36x36 in.... | 24 in. | 8 ft. 9 in. | 200 lbs. | 57.00   |
| 42x42 in.... | 30 in. | 9 ft. 6 in. | 375 lbs. | 73.00   |
| 48x48 in.... | 36 in. | 11 ft.      | 520 lbs. | 100.00  |

Give pitch of roof when ordering.



# Steel Shower Baths



**As Low As \$35.00**

**WORKMANSHIP GUARANTEED**

## PRICE LIST ON SHOWERS COMPLETE

|                                           |         |
|-------------------------------------------|---------|
| Two or More Galvanized Showers, each..... | \$35.00 |
| One Galvanized Shower (plain).....        | 36.00   |
| Two or More Showers Enameled, each.....   | 50.00   |
| One Shower Enameled.....                  | 52.00   |

These prices are for Showers 30 x 30 inches.

Prices on larger sizes upon request.

Shipments are usually made within 36 hours after we receive your order.

Units are shipped knocked down and take third-class freight rate. Weight, 185 lbs. each.

## READY TO HOOK UP

There is not a thing to buy, except the curtain, when you install these Showers. They come equipped with Curtain Rod, Showerhead, Hot and Cold Water Faucets, Drain in floor. All Fittings Nickel-plated. They come to you just as shown in the cut.

These Showers can be installed in any room where you have water connections.

We furnish these Cabinets in enamel finish, white inside and green outside, or plain galvanized iron as desired. The plain iron is not unattractive and can be used as it is or decorated at any time to harmonize with the surroundings.

## COMPARE THESE FEATURES WITH ANY OTHER SHOWER

●  
Inside, White Enamel  
Outside, Green Enamel

●  
**FIXTURES INCLUDED**  
Curtain Rod, Showerhead, Hot  
and Cold Water Faucets,  
Drain in Floor,  
Nickel-plated

●  
**SIZE**  
30 in. wide x 30 in. deep  
6 ft. 4 in. high

●  
**CONSTRUCTION**  
Finest Galvanized Steel (Rustproof).  
Enamel Finish. Heavy Galvanized Floor  
with Drain in center.

No - drip, self - cleaning showerhead  
that gives the best shower with the least  
water. It's adjustable—ball joint.

The W. F. Norman Sheet Metal Mfg. Co.  
Nevada, Mo.

Sirs:

I have four of your Shower Bath Cabinets and so far they have proven very satisfactory. A good feature of them is they come knocked down, thus saving freight charges. They are easily set up, only taking about five minutes. I consider them the only ones within the price reach of overnight camp owners.

Very truly yours,

E. C. BROWN, Prop.,  
Brook's Bluff Cottages.





These Smokestacks are thoroughly riveted and reinforced with heavy bands at top. They are banded with loops for guy wires. For Ice Plants, Laundries, Creameries, Mills, Pumping Stations, Heating Plants. Write for prices.

We also build boiler breeching and pipe connections from drawings. Write for prices.

We carry in stock and can shear to size, black and galvanized sheets up to eight-gauge. Write for prices.

We build from plans, special sheet metal work for heating, ventilating, and cooling systems. Special sheet metal work for mills, elevators, cotton gins, ice plants, packing plants, creameries. We have had many years' experience at this class of work. Write for prices.



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